

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010509.D
 Acq On : 24 May 2022 10:06
 Operator : CG/JU
 Sample : PB145034BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS034

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

Quant Time: May 24 23:15:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	165439	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.687	136	739447	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	492462	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1079070	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	974641	20.000	ng/ul	# 0.00
88) Perylene-d12	23.774	264	763154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	25528m	6.577	ng/uL	0.00
4) Pyridine-d5	3.752	84	380511	34.528	ng/ul	0.00
7) Phenol-d5	7.052	99	518320	37.328	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	343784	36.850	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	409689	38.558	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	437201	37.049	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	214486	37.479	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	240807	39.705	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	433660	37.816	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	524061	30.735	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	1346681	37.116	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1585426	37.882	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	234228	36.269	ng/ul	0.00
60) Fluorene-d10	15.510	176	1176131	37.260	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	232065	36.773	ng/ul	0.00
73) Anthracene-d10	17.369	188	1853600	37.935	ng/ul	0.00
81) Pyrene-d10	19.604	212	2222490	42.938	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	1546567	40.358	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	47751	11.876	ng/uL#	11
5) Pyridine	3.770	79	370144	32.318	ng/ul#	29
6) Benzaldehyde	7.028	77	360913	49.167	ng/ul	92
8) Phenol	7.081	94	518790	34.632	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.311	93	398919	33.869	ng/ul#	74
12) 2-Chlorophenol	7.452	128	391264	35.274	ng/ul	97
13) 2-Methylphenol	8.328	108	387888	34.686	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	669315	34.868	ng/ul#	82
16) Acetophenone	8.710	105	636921	34.352	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.699	70	345510	34.820	ng/ul#	69
18) 4-Methylphenol	8.663	108	422419	34.178	ng/ul	92
19) Hexachloroethane	8.963	117	165902	34.390	ng/ul#	77
22) Nitrobenzene	9.087	77	513793	34.164	ng/ul#	83
23) Isophorone	9.622	82	951672	34.236	ng/ul#	98
25) 2-Nitrophenol	9.805	139	235059	35.298	ng/ul#	86
26) 2,4-Dimethylphenol	9.863	107	489913	33.905	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.099	93	559196m	33.786	ng/ul	
29) 2,4-Dichlorophenol	10.334	162	403151	34.385	ng/ul#	84
30) Naphthalene	10.734	128	1296358	33.565	ng/ul	96
32) 4-Chloroaniline	10.846	127	488559	28.871	ng/ul	99
33) Hexachlorobutadiene	11.028	225	276113	33.234	ng/ul	98
34) Caprolactam	11.634	113	142385m	34.798	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	474672	34.608	ng/ul#	72
36) 2-Methylnaphthalene	12.346	142	907197	33.179	ng/ul	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010509.D
 Acq On : 24 May 2022 10:06
 Operator : CG/JU
 Sample : PB145034BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS034

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

Quant Time: May 24 23:15:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	928592	33.636	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.716	216	517591	34.441	ng/ul	94
40) Hexachlorocyclopentadiene	12.699	237	225849	27.643	ng/ul	95
41) 2,4,6-Trichlorophenol	12.957	196	343324	36.649	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.028	196	367096	35.096	ng/ul#	85
43) 1,1'-Biphenyl	13.351	154	1236130	34.197	ng/ul#	92
44) 2-Chloronaphthalene	13.393	162	957980	34.313	ng/ul	95
45) 2-Nitroaniline	13.598	65	353096	38.428	ng/ul#	76
47) Dimethylphthalate	13.975	163	1237746	34.391	ng/ul#	93
48) 2,6-Dinitrotoluene	14.098	165	270948	36.931	ng/ul	94
50) Acenaphthylene	14.240	152	1560101	34.458	ng/ul	96
51) 3-Nitroaniline	14.422	138	259714	37.717	ng/ul#	84
52) Acenaphthene	14.581	153	1012054	34.266	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	129411	31.594	ng/ul#	76
55) 4-Nitrophenol	14.734	109	196573	34.232	ng/ul#	38
56) Dibenzofuran	14.916	168	1475412	34.087	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	393722	37.279	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.145	232	318243	35.383	ng/ul#	83
59) Diethylphthalate	15.340	149	1286653	35.036	ng/ul	93
61) Fluorene	15.569	166	1225858	34.632	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	619515	33.646	ng/ul	98
63) 4-Nitroaniline	15.592	138	281060	41.338	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.651	198	209916	33.354	ng/ul#	86
67) N-Nitrosodiphenylamine	15.775	169	1061266	35.070	ng/ul	95
68) 4-Bromophenyl-phenylether	16.457	248	389796	35.076	ng/ul	93
69) Hexachlorobenzene	16.581	284	441022	34.501	ng/ul#	89
70) Atrazine	16.734	200	426962	35.219	ng/ul	91
71) Pentachlorophenol	16.922	266	271870	33.896	ng/ul#	85
72) Phenanthrene	17.316	178	2000813	34.744	ng/ul	98
74) Anthracene	17.404	178	2034907	35.223	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	553705	33.764	ng/uL#	88
76) Pentachlorobenzene	14.840	250	509120	34.217	ng/uL	89
77) Carbazole	17.675	167	1803612	35.524	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	2300213	37.198	ng/ul#	93
80) Fluoranthene	19.281	202	2445699	40.660	ng/ul	97
82) Pyrene	19.633	202	2484443	39.580	ng/ul	95
83) Butylbenzylphthalate	20.498	149	1070097	42.633	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.269	252	696036	35.532	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	2237217	36.707	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	1542034	41.866	ng/ul#	82
87) Chrysene	21.392	228	2189430	36.521	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	2594455	45.318	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1970165	38.732	ng/ul	100
91) Benzo(k)fluoranthene	23.086	252	1762890	36.465	ng/ul#	98
93) Benzo(a)pyrene	23.669	252	1745312	36.930	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.298	276	1700754	38.253	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.315	278	1447964	37.533	ng/ul#	94
96) Benzo(g,h,i)perylene	27.074	276	1437221	38.714	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

