

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010507.D
 Acq On : 24 May 2022 08:58
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTD2MSD

Quant Time: May 24 23:14:55 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	164244	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	730560	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.522	164	490973	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1067128	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.357	240	980331	20.000	ng/u1	# 0.00
88) Perylene-d12	23.774	264	781082	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	18277m	4.743	ng/uL	0.00
4) Pyridine-d5	3.764	84	94397	8.628	ng/u1	0.00
7) Phenol-d5	7.052	99	119225	8.649	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	352444	38.053	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	321449	30.474	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	237665	20.287	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	229268	40.549	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	242304	40.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	414231	36.561	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	499396	29.645	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1483389	41.008	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1675672	40.160	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	56855m	8.830	ng/u1	0.00
60) Fluorene-d10	15.510	176	1277180	40.584	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	262252	42.021	ng/u1	0.00
73) Anthracene-d10	17.375	188	2046475	42.351	ng/u1	0.00
81) Pyrene-d10	19.604	212	2414888	46.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.622	264	1734032	44.212	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.376	88	20726	5.192	ng/uL#	12
5) Pyridine	3.781	79	100434	8.833	ng/u1#	29
6) Benzaldehyde	7.028	77	344056m	47.212	ng/u1	
8) Phenol	7.081	94	129443m	8.704	ng/u1	
10) Bis(2-Chloroethyl)ether	7.311	93	412848	35.307	ng/u1#	73
12) 2-Chlorophenol	7.452	128	315212	28.624	ng/u1	97
13) 2-Methylphenol	8.328	108	255180	22.985	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	692368	36.331	ng/u1#	82
16) Acetophenone	8.711	105	685052	37.217	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.699	70	374484	38.014	ng/u1#	70
18) 4-Methylphenol	8.658	108	243393	19.836	ng/u1	92
19) Hexachloroethane	8.969	117	146071	30.499	ng/u1#	82
22) Nitrobenzene	9.087	77	550091	37.022	ng/u1#	80
23) Isophorone	9.622	82	1048347	38.173	ng/u1	97
25) 2-Nitrophenol	9.799	139	241655	36.730	ng/u1#	85
26) 2,4-Dimethylphenol	9.863	107	459562	32.191	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.099	93	598601	36.607	ng/u1#	98
29) 2,4-Dichlorophenol	10.334	162	387350	33.439	ng/u1#	84
30) Naphthalene	10.740	128	1721515	45.115	ng/u1	97
32) 4-Chloroaniline	10.846	127	467793	27.980	ng/u1	97
33) Hexachlorobutadiene	11.028	225	264412	32.213	ng/u1	96
34) Caprolactam	11.646	113	23280m	5.759	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	432301	31.902	ng/u1#	70
36) 2-Methylnaphthalene	12.346	142	1152280	42.655	ng/u1	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010507.D
 Acq On : 24 May 2022 08:58
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTD2MSD

Quant Time: May 24 23:14:55 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1140655m	41.820	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.716	216	549839	36.698	ng/ul	93
40) Hexachlorocyclopentadiene	12.699	237	207443	25.467	ng/ul	96
41) 2,4,6-Trichlorophenol	12.952	196	366732	39.267	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.028	196	398444	38.209	ng/ul#	88
43) 1,1'-Biphenyl	13.352	154	1447973	40.180	ng/ul#	93
44) 2-Chloronaphthalene	13.399	162	1046055	37.582	ng/ul	93
45) 2-Nitroaniline	13.599	65	395830	43.210	ng/ul#	76
47) Dimethylphthalate	13.981	163	1379033	38.433	ng/ul#	92
48) 2,6-Dinitrotoluene	14.099	165	301808	41.262	ng/ul	97
50) Acenaphthylene	14.240	152	1751140	38.795	ng/ul	95
51) 3-Nitroaniline	14.428	138	269371	39.238	ng/ul#	80
52) Acenaphthene	14.587	153	1478763	50.220	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	148852	36.450	ng/ul#	75
55) 4-Nitrophenol	14.734	109	50142	8.758	ng/ul#	43
56) Dibenzofuran	14.916	168	1739404	40.308	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	437314	41.532	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.146	232	351371	39.184	ng/ul#	84
59) Diethylphthalate	15.340	149	1439879	39.327	ng/ul#	93
61) Fluorene	15.569	166	1469670	41.646	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	696240	37.928	ng/ul	97
63) 4-Nitroaniline	15.593	138	305169	45.020	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.651	198	249111	40.025	ng/ul#	85
67) N-Nitrosodiphenylamine	15.775	169	1180844	39.458	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	431058	39.223	ng/ul	99
69) Hexachlorobenzene	16.581	284	487721	38.582	ng/ul#	89
70) Atrazine	16.734	200	456870	38.108	ng/ul	91
71) Pentachlorophenol	16.928	266	308439	38.886	ng/ul#	85
72) Phenanthrene	17.316	178	2231445	39.182	ng/ul	99
74) Anthracene	17.410	178	2267615	39.691	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	598935	36.931	ng/ul#	86
76) Pentachlorobenzene	14.846	250	569175	38.681	ng/ul	91
77) Carbazole	17.675	167	2252796	44.867	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	2599780	42.513	ng/ul#	93
80) Fluoranthene	19.281	202	2722670	45.002	ng/ul	97
82) Pyrene	19.634	202	2762849	43.759	ng/ul	95
83) Butylbenzylphthalate	20.498	149	1218351	48.258	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.269	252	701764	35.616	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	2543518	41.491	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	1752806	47.312	ng/ul#	82
87) Chrysene	21.392	228	2432734	40.344	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	2992899	51.077	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2215019	42.546	ng/ul	100
91) Benzo(k)fluoranthene	23.086	252	2063943	41.712	ng/ul#	97
93) Benzo(a)pyrene	23.674	252	2008095	41.515	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.310	276	1965574	43.195	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.316	278	1695040	42.929	ng/ul#	94
96) Benzo(g,h,i)perylene	27.080	276	1649003	43.399	ng/ul#	91

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

