

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050422\
 Data File : BP010235.D
 Acq On : 04 May 2022 21:56
 Operator : CG/JU
 Sample : PB144567BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS567

Quant Time: May 05 02:42:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
 Supervised By :mohammad ahmed 05/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	170879	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	752889	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	491391	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	929703	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	664397	20.000	ng/u1	# 0.00
88) Perylene-d12	23.821	264	621006	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	25416m	6.486	ng/uL	0.00
4) Pyridine-d5	3.769	84	353070	32.028	ng/u1	0.00
7) Phenol-d5	7.081	99	502659	32.340	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	337585	36.196	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	408306	35.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	426684	33.133	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	211727	35.358	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	236268	36.128	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	424784	33.365	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.857	131	515713	28.251	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1316710	34.447	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1521532	32.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	195936	27.844	ng/u1	0.00
60) Fluorene-d10	15.545	176	1104464	33.590	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	190680	32.436	ng/u1	0.00
73) Anthracene-d10	17.398	188	1541437	34.271	ng/u1	-0.01
81) Pyrene-d10	19.633	212	1503725	39.797	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	1217426	37.394	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	50947	12.511	ng/uL#	19
5) Pyridine	3.787	79	375719	32.788	ng/u1#	43
6) Benzaldehyde	7.052	77	341366	41.098	ng/u1	95
8) Phenol	7.110	94	539964	34.574	ng/u1#	94
10) Bis(2-Chloroethyl)ether	7.340	93	426833	35.474	ng/u1#	76
12) 2-Chlorophenol	7.481	128	412702	35.544	ng/u1	96
13) 2-Methylphenol	8.363	108	412320	34.425	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	670395	37.549	ng/u1#	83
16) Acetophenone	8.740	105	670110	33.352	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.734	70	361258	34.318	ng/u1#	74
18) 4-Methylphenol	8.693	108	443576	33.636	ng/u1	92
19) Hexachloroethane	8.999	117	176657	36.208	ng/u1#	81
22) Nitrobenzene	9.122	77	527568	35.959	ng/u1#	85
23) Isophorone	9.651	82	995211	34.344	ng/u1#	98
25) 2-Nitrophenol	9.834	139	249421	36.010	ng/u1#	85
26) 2,4-Dimethylphenol	9.893	107	506974	33.808	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.128	93	601377	35.408	ng/u1#	98
29) 2,4-Dichlorophenol	10.369	162	427368	34.920	ng/u1#	85
30) Naphthalene	10.769	128	1384702	35.140	ng/u1	96
32) 4-Chloroaniline	10.881	127	521240	28.976	ng/u1	99
33) Hexachlorobutadiene	11.063	225	304983	35.162	ng/u1	95
34) Caprolactam	11.663	113	137976m	31.342	ng/u1	
35) 4-Chloro-3-methylphenol	12.004	107	490090	33.150	ng/u1#	72
36) 2-Methylnaphthalene	12.381	142	968554	33.890	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	986358	33.991	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.751	216	556374	36.648	ng/ul	94
40) Hexachlorocyclopentadiene	12.728	237	304946	35.642	ng/ul	94
41) 2,4,6-Trichlorophenol	12.987	196	355072	36.148	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.057	196	386561	36.170	ng/ul#	89
43) 1,1'-Biphenyl	13.387	154	1332260	36.759	ng/ul	94
44) 2-Chloronaphthalene	13.428	162	1017468	36.277	ng/ul	93
45) 2-Nitroaniline	13.628	65	328060	36.072	ng/ul#	81
47) Dimethylphthalate	14.004	163	1292993	34.805	ng/ul#	93
48) 2,6-Dinitrotoluene	14.122	165	273101	35.822	ng/ul	96
50) Acenaphthylene	14.269	152	1630899	35.590	ng/ul	96
51) 3-Nitroaniline	14.451	138	234922	34.016	ng/ul#	82
52) Acenaphthene	14.616	153	1047650	35.160	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	123948	29.094	ng/ul#	75
55) 4-Nitrophenol	14.763	109	172119	28.152	ng/ul#	46
56) Dibenzofuran	14.945	168	1521702	34.488	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	373000	33.491	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.175	232	320576m	33.744	ng/ul	
59) Diethylphthalate	15.369	149	1308933	34.640	ng/ul	93
61) Fluorene	15.598	166	1223862	33.784	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.592	204	653708	34.288	ng/ul	98
63) 4-Nitroaniline	15.616	138	239300m	35.609	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	192396	33.922	ng/ul#	94
67) N-Nitrosodiphenylamine	15.804	169	1057063	39.627	ng/ul	96
68) 4-Bromophenyl-phenylether	16.486	248	390642	39.392	ng/ul	96
69) Hexachlorobenzene	16.610	284	427563	37.145	ng/ul#	90
70) Atrazine	16.763	200	397197	36.625	ng/ul#	89
71) Pentachlorophenol	16.951	266	236530	32.267	ng/ul#	85
72) Phenanthrene	17.345	178	1801390	35.649	ng/ul	99
74) Anthracene	17.433	178	1803901	35.442	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	570837	42.058	ng/uL#	85
76) Pentachlorobenzene	14.875	250	527196	39.610	ng/uL	92
77) Carbazole	17.704	167	1453956	32.282	ng/ul#	95
78) Di-n-butylphthalate	18.257	149	1996138	36.024	ng/ul#	93
80) Fluoranthene	19.310	202	1822941	42.774	ng/ul	96
82) Pyrene	19.663	202	1806858	41.151	ng/ul#	94
83) Butylbenzylphthalate	20.527	149	701901	38.672	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.298	252	446531	37.352	ng/ul#	98
85) Benzo(a)anthracene	21.368	228	1532478	36.345	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	978873	36.389	ng/ul#	81
87) Chrysene	21.421	228	1529802	36.847	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1570633	32.534	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1531123	36.675	ng/ul	100
91) Benzo(k)fluoranthene	23.127	252	1493460	37.765	ng/ul#	97
93) Benzo(a)pyrene	23.721	252	1483224	38.419	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	1693180	44.087	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.392	278	1427623	43.442	ng/ul#	95
96) Benzo(g,h,i)perylene	27.156	276	1438505	44.390	ng/ul#	91

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

