

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010199.D
 Acq On : 03 May 2022 06:26
 Operator : CG/JU
 Sample : PB144528BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS528

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 03 07:21:25 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	171286	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.728	136	742313	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	480796	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	946182	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	648831	20.000	ng/ul	# 0.00
88) Perylene-d12	23.827	264	593797	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	25374	6.460	ng/uL	0.00
4) Pyridine-d5	3.769	84	386174	34.947	ng/ul	0.00
7) Phenol-d5	7.087	99	549151	35.247	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	358574	38.356	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	439824	38.118	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	467464	36.214	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	228157	38.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	257448	39.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	461277	36.748	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	561389	31.191	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1446103	38.665	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1678208	37.075	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	225911m	32.811	ng/ul	0.00
60) Fluorene-d10	15.545	176	1202781	37.386	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	226968	37.937	ng/ul	0.00
73) Anthracene-d10	17.404	188	1752266	38.280	ng/ul	0.00
81) Pyrene-d10	19.633	212	1729158	46.862	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.674	264	1262031	40.540	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	53639	13.141	ng/uL#	16
5) Pyridine	3.793	79	399727	34.800	ng/ul#	46
6) Benzaldehyde	7.058	77	369274	44.352	ng/ul	96
8) Phenol	7.116	94	572863	36.594	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.340	93	455104	37.734	ng/ul#	77
12) 2-Chlorophenol	7.487	128	445738	38.298	ng/ul	95
13) 2-Methylphenol	8.363	108	440151	36.661	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	695601	38.868	ng/ul#	84
16) Acetophenone	8.746	105	716652	35.584	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.740	70	395095	37.443	ng/ul#	76
18) 4-Methylphenol	8.699	108	478755	36.217	ng/ul	93
19) Hexachloroethane	9.004	117	183851	37.593	ng/ul	85
22) Nitrobenzene	9.122	77	553986	38.298	ng/ul#	84
23) Isophorone	9.657	82	1090070	38.154	ng/ul#	96
25) 2-Nitrophenol	9.840	139	265549	38.885	ng/ul#	83
26) 2,4-Dimethylphenol	9.899	107	555530	37.574	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.134	93	643517	38.428	ng/ul#	97
29) 2,4-Dichlorophenol	10.375	162	461662	38.260	ng/ul#	86
30) Naphthalene	10.775	128	1471926	37.885	ng/ul	97
32) 4-Chloroaniline	10.887	127	541749	30.545	ng/ul	98
33) Hexachlorobutadiene	11.069	225	325319	38.041	ng/ul	94
34) Caprolactam	11.663	113	153392	35.341	ng/ul#	3
35) 4-Chloro-3-methylphenol	12.010	107	533583m	36.606	ng/ul	
36) 2-Methylnaphthalene	12.381	142	1039000	36.873	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	1064571	37.209	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.751	216	600111	40.400	ng/ul	93
40) Hexachlorocyclopentadiene	12.734	237	337411	40.306	ng/ul	96
41) 2,4,6-Trichlorophenol	12.993	196	391832	40.769	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.063	196	426625m	40.798	ng/ul	
43) 1,1'-Biphenyl	13.392	154	1436968	40.522	ng/ul	94
44) 2-Chloronaphthalene	13.434	162	1092638	39.816	ng/ul	93
45) 2-Nitroaniline	13.634	65	356747	40.091	ng/ul#	83
47) Dimethylphthalate	14.010	163	1395804	38.401	ng/ul#	92
48) 2,6-Dinitrotoluene	14.128	165	295884	39.666	ng/ul	93
50) Acenaphthylene	14.275	152	1755760	39.159	ng/ul	95
51) 3-Nitroaniline	14.457	138	250285	37.039	ng/ul#	83
52) Acenaphthene	14.616	153	1127291	38.666	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	144947	34.773	ng/ul#	80
55) 4-Nitrophenol	14.769	109	189631	31.700	ng/ul#	44
56) Dibenzofuran	14.951	168	1622481	37.582	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	409359	37.565	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.181	232	351138	37.776	ng/ul#	87
59) Diethylphthalate	15.375	149	1411980	38.191	ng/ul	94
61) Fluorene	15.604	166	1321535	37.284	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.598	204	706639	37.881	ng/ul	99
63) 4-Nitroaniline	15.622	138	269402m	40.972	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	221655	38.400	ng/ul#	89
67) N-Nitrosodiphenylamine	15.810	169	1148294	42.297	ng/ul	95
68) 4-Bromophenyl-phenylether	16.492	248	424644	42.075	ng/ul	94
69) Hexachlorobenzene	16.616	284	469556	40.083	ng/ul#	90
70) Atrazine	16.769	200	446309	40.436	ng/ul	91
71) Pentachlorophenol	16.957	266	263170	35.276	ng/ul#	85
72) Phenanthrene	17.351	178	1967900	38.265	ng/ul	99
74) Anthracene	17.439	178	2001376	38.637	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	612115	44.314	ng/uL#	86
76) Pentachlorobenzene	14.875	250	574532	42.415	ng/uL	90
77) Carbazole	17.710	167	1651098	36.021	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	2261703	40.106	ng/ul#	93
80) Fluoranthene	19.310	202	2034833	48.891	ng/ul	97
82) Pyrene	19.663	202	2030792	47.360	ng/ul	96
83) Butylbenzylphthalate	20.533	149	815643	46.017	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.304	252	492437	42.180	ng/ul#	97
85) Benzo(a)anthracene	21.374	228	1649098	40.049	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.292	149	1163103	44.275	ng/ul#	81
87) Chrysene	21.427	228	1625766	40.098	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	1755350	38.026	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	1566747	39.247	ng/ul	100
91) Benzo(k)fluoranthene	23.133	252	1505948	39.826	ng/ul#	98
93) Benzo(a)pyrene	23.727	252	1507904	40.848	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.380	276	1686053	45.913	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.398	278	1461441	46.509	ng/ul#	96
96) Benzo(g,h,i)perylene	27.162	276	1455390	46.969	ng/ul#	92

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

