

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010315.D
 Acq On : 12 May 2022 08:53
 Operator : CG/JU
 Sample : PB144620BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS620

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 12 23:59:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	166406	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	727352	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	492477	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1070501	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1050226	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	1026477	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	22329m	5.700	ng/uL	0.00
4) Pyridine-d5	3.764	84	348423	31.964	ng/u1	0.00
7) Phenol-d5	7.069	99	491285	31.787	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	325883	34.084	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	392959	34.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	421766	33.193	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	207036	35.500	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	227210	34.170	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	410418	33.911	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	530537	29.693	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	1317003	33.568	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1520849	32.513	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	244105	32.436	ng/u1	0.00
60) Fluorene-d10	15.528	176	1125387	33.981	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	236456	32.256	ng/u1	0.00
73) Anthracene-d10	17.386	188	1765869	33.685	ng/u1	0.00
81) Pyrene-d10	19.616	212	2126961	36.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	1965795	35.910	ng/u1	-0.01
Target Compounds						
2) 1,4-Dioxane	3.381	88	48134	12.022	ng/uL#	15
5) Pyridine	3.781	79	350225	30.654	ng/u1#	36
6) Benzaldehyde	7.040	77	315934	36.990	ng/u1	95
8) Phenol	7.099	94	517899	33.237	ng/u1#	94
10) Bis(2-Chloroethyl)ether	7.328	93	397868	32.630	ng/u1#	77
12) 2-Chlorophenol	7.469	128	390655	34.173	ng/u1	95
13) 2-Methylphenol	8.346	108	391001	33.060	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	636493	33.186	ng/u1#	83
16) Acetophenone	8.728	105	627154	31.576	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.716	70	343178	33.076	ng/u1#	72
18) 4-Methylphenol	8.681	108	427279	33.020	ng/u1	96
19) Hexachloroethane	8.987	117	161288	33.091	ng/u1#	80
22) Nitrobenzene	9.104	77	495679	33.482	ng/u1#	83
23) Isophorone	9.640	82	955499	32.955	ng/u1#	97
25) 2-Nitrophenol	9.822	139	235296	34.446	ng/u1#	82
26) 2,4-Dimethylphenol	9.881	107	481824	33.034	ng/u1#	76
27) Bis(2-Chloroethoxy)met...	10.116	93	557896	32.788	ng/u1#	97
29) 2,4-Dichlorophenol	10.357	162	402131	34.014	ng/u1#	83
30) Naphthalene	10.757	128	1286709	33.155	ng/u1	97
32) 4-Chloroaniline	10.863	127	516393	28.961	ng/u1	98
33) Hexachlorobutadiene	11.051	225	269336	33.266	ng/u1	97
34) Caprolactam	11.646	113	149409m	33.169	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	476815	33.517	ng/u1#	69
36) 2-Methylnaphthalene	12.363	142	898211	32.688	ng/u1	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	927518m	33.205	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.734	216	514937	34.013	ng/ul	93
40) Hexachlorocyclopentadiene	12.716	237	281091	33.307	ng/ul	96
41) 2,4,6-Trichlorophenol	12.975	196	341395	34.384	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.045	196	374247	34.586	ng/ul#	88
43) 1,1'-Biphenyl	13.375	154	1234018	33.543	ng/ul	93
44) 2-Chloronaphthalene	13.416	162	956561	33.569	ng/ul	93
45) 2-Nitroaniline	13.616	65	340203	35.267	ng/ul#	78
47) Dimethylphthalate	13.992	163	1251468	32.875	ng/ul#	93
48) 2,6-Dinitrotoluene	14.110	165	271907	35.007	ng/ul	96
50) Acenaphthylene	14.257	152	1580402	33.773	ng/ul	96
51) 3-Nitroaniline	14.440	138	257378	37.874	ng/ul#	83
52) Acenaphthene	14.598	153	1013063	33.443	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	147661	29.053	ng/ul#	78
55) 4-Nitrophenol	14.751	109	202024	31.653	ng/ul#	41
56) Dibenzofuran	14.934	168	1464727	33.045	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	390430	34.357	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.163	232	323841	33.718	ng/ul#	86
59) Diethylphthalate	15.357	149	1288416	32.787	ng/ul	93
61) Fluorene	15.586	166	1210334	32.966	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.581	204	626408	33.004	ng/ul	98
63) 4-Nitroaniline	15.604	138	289994m	43.185	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.669	198	226371	31.698	ng/ul#	92
67) N-Nitrosodiphenylamine	15.792	169	1068822	33.965	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	382673	33.841	ng/ul	95
69) Hexachlorobenzene	16.598	284	442740	33.852	ng/ul#	90
70) Atrazine	16.751	200	431233	33.920	ng/ul	90
71) Pentachlorophenol	16.939	266	283958	32.710	ng/ul#	84
72) Phenanthrene	17.333	178	1995289	33.806	ng/ul	99
74) Anthracene	17.422	178	2008306	33.549	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.340	216	529208	33.787	ng/uL#	87
76) Pentachlorobenzene	14.863	250	505326	33.743	ng/uL	92
77) Carbazole	17.692	167	1802751	33.378	ng/ul#	96
78) Di-n-butylphthalate	18.245	149	2293670	33.601	ng/ul#	93
80) Fluoranthene	19.292	202	2438809	36.958	ng/ul	98
82) Pyrene	19.645	202	2476148	36.253	ng/ul	97
83) Butylbenzylphthalate	20.516	149	1064177	36.584	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.286	252	788651	35.134	ng/ul#	96
85) Benzo(a)anthracene	21.357	228	2365402	34.453	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	1561132	35.572	ng/ul#	81
87) Chrysene	21.410	228	2337001	34.345	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	2649335	38.341	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	2489258	36.924	ng/ul	99
91) Benzo(k)fluoranthene	23.110	252	2239483	35.207	ng/ul#	97
93) Benzo(a)pyrene	23.698	252	2328685	35.658	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.345	276	2350156	32.557	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.357	278	2057431	33.337	ng/ul#	95
96) Benzo(g,h,i)perylene	27.115	276	1911732	31.357	ng/ul#	90

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

