

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
 Data File : BM034762.D
 Acq On : 22 Apr 2022 00:40
 Operator : CG/JU
 Sample : PB144261BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS261

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 22 02:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 05:03:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	195083	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	769541	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	471814	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	922798	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.492	240	1017862	20.000	ng/u1	# 0.00
88) Perylene-d12	23.886	264	1049535	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	28514	6.422	ng/uL	0.00
4) Pyridine-d5	3.793	84	357515	32.441	ng/u1	0.00
7) Phenol-d5	7.104	99	459603	31.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	283259	34.280	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	406714	32.614	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	379183	32.164	ng/u1	0.00
21) Nitrobenzene-d5	9.098	128	187673	33.385	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	194087	33.254	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	376160	30.596	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	463188	27.863	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	1086364	31.628	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1337219	30.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	197779	34.301	ng/u1	0.00
60) Fluorene-d10	15.563	176	922580	31.041	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	179203	33.849	ng/u1	0.00
73) Anthracene-d10	17.415	188	1434915	31.933	ng/u1	0.00
81) Pyrene-d10	19.703	212	1716305	30.982	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1788778	33.699	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	57544	13.262	ng/uL	98
5) Pyridine	3.810	79	395145	34.181	ng/u1	99
6) Benzaldehyde	7.081	77	298723	38.366	ng/u1	99
8) Phenol	7.128	94	491837	33.920	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.363	93	383444	34.262	ng/u1	99
12) 2-Chlorophenol	7.504	128	429729	34.045	ng/u1	98
13) 2-Methylphenol	8.387	108	374946	34.105	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	557036	36.990	ng/u1	99
16) Acetophenone	8.763	105	599445	33.188	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	295552	34.113	ng/u1	98
18) 4-Methylphenol	8.716	108	400951	33.711	ng/u1	98
19) Hexachloroethane	9.034	117	180047	34.046	ng/u1	98
22) Nitrobenzene	9.145	77	439280	34.613	ng/u1	99
23) Isophorone	9.675	82	773658	33.248	ng/u1	100
25) 2-Nitrophenol	9.857	139	224022	34.955	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	433692	32.154	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.157	93	480573	32.947	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	383736	31.997	ng/u1	99
30) Naphthalene	10.798	128	1278119	32.503	ng/u1	99
32) 4-Chloroaniline	10.904	127	480818	29.137	ng/u1	98
33) Hexachlorobutadiene	11.098	225	258279	29.806	ng/u1	97
34) Caprolactam	11.669	113	101203m	33.849	ng/u1	
35) 4-Chloro-3-methylphenol	12.027	107	387201	34.074	ng/u1	99
36) 2-Methylnaphthalene	12.404	142	882445	32.380	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.627	142	896397	32.686	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.774	216	455789	30.339	ng/ul	97
40) Hexachlorocyclopentadiene	12.763	237	300182	27.600	ng/ul	100
41) 2,4,6-Trichlorophenol	13.010	196	298603	33.045	ng/ul	95
42) 2,4,5-Trichlorophenol	13.080	196	324189	33.533	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	1188518	32.590	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	915448	32.232	ng/ul	98
45) 2-Nitroaniline	13.645	65	240496	39.275	ng/ul	98
47) Dimethylphthalate	14.033	163	1105998	32.890	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	219626	36.235	ng/ul	94
50) Acenaphthylene	14.298	152	1455198	33.034	ng/ul	99
51) 3-Nitroaniline	14.469	138	209943	38.996	ng/ul	98
52) Acenaphthene	14.639	153	948771	32.681	ng/ul	99
53) 2,4-Dinitrophenol	14.674	184	117740	33.336	ng/ul	97
55) 4-Nitrophenol	14.768	109	176746	38.626	ng/ul	93
56) Dibenzofuran	14.974	168	1310329	31.726	ng/ul	96
57) 2,4-Dinitrotoluene	14.927	165	326798	38.391	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.198	232	300955	39.132	ng/ul#	82
59) Diethylphthalate	15.398	149	1011323	30.678	ng/ul	97
61) Fluorene	15.621	166	1066046	32.066	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.615	204	589238	34.462	ng/ul	92
63) 4-Nitroaniline	15.627	138	202020	42.773	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	185539	34.938	ng/ul#	85
67) N-Nitrosodiphenylamine	15.827	169	903889	31.844	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	366017	36.078	ng/ul#	92
69) Hexachlorobenzene	16.627	284	432326	37.294	ng/ul#	88
70) Atrazine	16.780	200	351264	33.648	ng/ul	97
71) Pentachlorophenol	16.962	266	267659	35.559	ng/ul	98
72) Phenanthrene	17.357	178	1681497	33.137	ng/ul	99
74) Anthracene	17.451	178	1714978	33.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	475114	30.579	ng/uL	98
76) Pentachlorobenzene	14.898	250	439533	30.689	ng/uL	99
77) Carbazole	17.715	167	1464931	32.492	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1606234	31.211	ng/ul	99
80) Fluoranthene	19.368	202	2063922	31.865	ng/ul#	95
82) Pyrene	19.733	202	2122978	31.825	ng/ul#	92
83) Butylbenzylphthalate	20.633	149	681759	29.160	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.403	252	670117	32.091	ng/ul#	99
85) Benzo(a)anthracene	21.474	228	2133429	33.709	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	1034127	27.897	ng/ul#	96
87) Chrysene	21.527	228	2086754	33.533	ng/ul	100
89) Di-n-octyl phthalate	22.344	149	1709452	28.733	ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	2344687	36.550	ng/ul#	97
91) Benzo(k)fluoranthene	23.209	252	2081605	34.180	ng/ul#	98
93) Benzo(a)pyrene	23.786	252	2217806	34.488	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.374	276	2616599	33.715	ng/ul	98
95) Dibenzo(a,h)anthracene	26.391	278	2250212	33.531	ng/ul	100
96) Benzo(g,h,i)perylene	27.138	276	2221142	33.847	ng/ul	98

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

