

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
 Data File : BM045034.D
 Acq On : 08 Apr 2024 07:41
 Operator : MA/JU
 Sample : PB160066BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS066

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/09/2024
 Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 08:23:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:51:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	80998	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.398	136	346567	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.274	164	222863	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	474208	20.000	ng/u1	-0.01
79) Chrysene-d12	21.239	240	468972	20.000	ng/u1	-0.01
88) Perylene-d12	23.462	264	535028	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	17076	7.872	ng/uL	0.00
4) Pyridine-d5	3.599	84	199394	33.804	ng/u1	-0.01
7) Phenol-d5	6.804	99	255110	37.152	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	144310	35.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	204909	38.090	ng/u1	-0.01
15) 4-Methylphenol-d8	8.334	113	202821	37.736	ng/u1	-0.01
21) Nitrobenzene-d5	8.787	128	101771	38.230	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	113856	40.521	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	206716	40.126	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.551	131	283110	34.517	ng/u1	-0.01
46) Dimethylphthalate-d6	13.698	166	581536	37.477	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	710478	38.757	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	116843	36.080	ng/u1	0.00
60) Fluorene-d10	15.274	176	523171	37.818	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	98471	35.022	ng/u1	-0.01
73) Anthracene-d10	17.133	188	814591	38.186	ng/u1	0.00
81) Pyrene-d10	19.439	212	972211	42.101	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.321	264	1042729	39.951	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	24458	10.797	ng/uL	96
5) Pyridine	3.616	79	202938	32.470	ng/u1	95
6) Benzaldehyde	6.793	77	145611	45.745	ng/u1	97
8) Phenol	6.834	94	258173	36.308	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.069	93	186727	33.648	ng/u1	96
12) 2-Chlorophenol	7.193	128	206746	36.625	ng/u1	99
13) 2-Methylphenol	8.069	108	187066	35.641	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.145	45	223773	33.808	ng/u1	97
16) Acetophenone	8.451	105	299262	34.247	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.440	70	149370	36.203	ng/u1	96
18) 4-Methylphenol	8.398	108	206348	36.476	ng/u1	100
19) Hexachloroethane	8.675	117	86095	34.677	ng/u1	97
22) Nitrobenzene	8.828	77	230785	35.335	ng/u1	96
23) Isophorone	9.351	82	417818	34.819	ng/u1	98
25) 2-Nitrophenol	9.528	139	117636	37.720	ng/u1	91
26) 2,4-Dimethylphenol	9.592	107	181667	30.215	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	251604	35.368	ng/u1	98
29) 2,4-Dichlorophenol	10.051	162	202124	38.834	ng/u1	97
30) Naphthalene	10.445	128	634757	34.599	ng/u1	98
32) 4-Chloroaniline	10.581	127	264517	33.144	ng/u1	99
33) Hexachlorobutadiene	10.710	225	111235	34.373	ng/u1	96
34) Caprolactam	11.381	113	62788m	35.732	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	204107	39.449	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	434451	36.268	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	444595	36.677	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.439	216	221378	36.322	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	91922	24.914	ng/ul	99
41) 2,4,6-Trichlorophenol	12.692	196	157903	39.715	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	173211	39.539	ng/ul	94
43) 1,1'-Biphenyl	13.098	154	565619	35.941	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	453873	35.498	ng/ul	99
45) 2-Nitroaniline	13.369	65	136741	38.744	ng/ul	100
47) Dimethylphthalate	13.745	163	564968	34.833	ng/ul	100
48) 2,6-Dinitrotoluene	13.874	165	117932	37.097	ng/ul	89
50) Acenaphthylene	13.992	152	750661	35.061	ng/ul	99
51) 3-Nitroaniline	14.210	138	130789	37.717	ng/ul	94
52) Acenaphthene	14.339	153	495220	34.663	ng/ul	100
53) 2,4-Dinitrophenol	14.422	184	62127	32.871	ng/ul	95
55) 4-Nitrophenol	14.522	109	98778	34.682	ng/ul	89
56) Dibenzofuran	14.680	168	698756	35.742	ng/ul	99
57) 2,4-Dinitrotoluene	14.669	165	179732	37.771	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	144614	38.571	ng/ul	94
59) Diethylphthalate	15.121	149	581924	35.168	ng/ul	98
61) Fluorene	15.333	166	589207	35.758	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	273485	35.411	ng/ul	97
63) 4-Nitroaniline	15.380	138	121157	38.430	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.433	198	100911	33.513	ng/ul#	95
67) N-Nitrosodiphenylamine	15.551	169	481171	37.614	ng/ul	98
68) 4-Bromophenyl-phenylether	16.227	248	170280	36.869	ng/ul	99
69) Hexachlorobenzene	16.327	284	216694	36.069	ng/ul	96
70) Atrazine	16.521	200	162695	34.575	ng/ul	98
71) Pentachlorophenol	16.680	266	133583	36.604	ng/ul	98
72) Phenanthrene	17.074	178	902313	35.359	ng/ul	98
74) Anthracene	17.168	178	913569	34.997	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	222681	37.257	ng/uL	98
76) Pentachlorobenzene	14.586	250	234172	36.824	ng/uL	95
77) Carbazole	17.451	167	868946	34.522	ng/ul	99
78) Di-n-butylphthalate	18.015	149	1091318	38.446	ng/ul	99
80) Fluoranthene	19.104	202	1082313	39.738	ng/ul	99
82) Pyrene	19.468	202	1161848	39.530	ng/ul	99
83) Butylbenzylphthalate	20.392	149	508315	41.279	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.168	252	384648	36.887	ng/ul	96
85) Benzo(a)anthracene	21.227	228	1144076	35.954	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.168	149	824836	42.852	ng/ul	99
87) Chrysene	21.280	228	1080858	36.437	ng/ul	100
89) Di-n-octyl phthalate	22.050	149	1362198	40.466	ng/ul	100
90) Benzo(b)fluoranthene	22.797	252	1183909	37.966	ng/ul	99
91) Benzo(k)fluoranthene	22.839	252	1226710	39.084	ng/ul	99
93) Benzo(a)pyrene	23.368	252	1013094	33.381	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.691	276	1468291	37.349	ng/ul	99
95) Dibenzo(a,h)anthracene	25.709	278	1199460	36.493	ng/ul	99
96) Benzo(g,h,i)perylene	26.374	276	1098973	35.435	ng/ul	99

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

