

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
 Data File : BM045021.D
 Acq On : 07 Apr 2024 23:19
 Operator : MA/JU
 Sample : PB160068BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS068

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 04:15:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 01:45:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	81054	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	332530	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	209295	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	442753	20.000	ng/u1	-0.01
79) Chrysene-d12	21.239	240	425262	20.000	ng/u1	-0.01
88) Perylene-d12	23.462	264	495446	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	14966	6.895	ng/uL	0.00
4) Pyridine-d5	3.604	84	173463	29.387	ng/u1	0.00
7) Phenol-d5	6.810	99	216214	31.466	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	124605	30.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	179353	33.316	ng/u1	0.00
15) 4-Methylphenol-d8	8.339	113	170870	31.769	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	85202	33.357	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	96055	35.629	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.027	165	176170	35.640	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.557	131	227089	28.856	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	477222	32.748	ng/u1	0.00
49) Acenaphthylene-d8	13.968	160	587604	34.132	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	91390	30.050	ng/u1	0.00
60) Fluorene-d10	15.274	176	432732	33.308	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.421	200	76425	29.112	ng/u1	0.00
73) Anthracene-d10	17.133	188	667757	33.526	ng/u1	-0.01
81) Pyrene-d10	19.439	212	787825	37.623	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.321	264	845523	34.983	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	21789	9.612	ng/uL	88
5) Pyridine	3.622	79	179535	28.706	ng/u1	98
6) Benzaldehyde	6.792	77	118278	37.132	ng/u1	98
8) Phenol	6.839	94	221966	31.194	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.075	93	166258	29.938	ng/u1	96
12) 2-Chlorophenol	7.192	128	183118	32.417	ng/u1	99
13) 2-Methylphenol	8.075	108	160962	30.646	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.145	45	199911	30.182	ng/u1	100
16) Acetophenone	8.457	105	261139	29.864	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.439	70	130222	31.540	ng/u1#	98
18) 4-Methylphenol	8.398	108	177380	31.333	ng/u1	99
19) Hexachloroethane	8.681	117	76819	30.919	ng/u1	94
22) Nitrobenzene	8.833	77	201335	32.128	ng/u1	100
23) Isophorone	9.351	82	355273	30.856	ng/u1	99
25) 2-Nitrophenol	9.533	139	102428	34.230	ng/u1	96
26) 2,4-Dimethylphenol	9.592	107	151571	26.273	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.839	93	221162	32.401	ng/u1	97
29) 2,4-Dichlorophenol	10.057	162	175074	35.057	ng/u1	98
30) Naphthalene	10.451	128	560535	31.843	ng/u1	99
32) 4-Chloroaniline	10.580	127	215726	28.171	ng/u1	99
33) Hexachlorobutadiene	10.716	225	100281	32.296	ng/u1	97
34) Caprolactam	11.386	113	52500m	31.139	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	171299	34.505	ng/u1	99
36) 2-Methylnaphthalene	12.074	142	378174	32.903	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	383458	32.968	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.439	216	193729	33.846	ng/ul	100
40) Hexachlorocyclopentadiene	12.404	237	76815	22.169	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	133086	35.643	ng/ul	96
42) 2,4,5-Trichlorophenol	12.774	196	146025	35.494	ng/ul	95
43) 1,1'-Biphenyl	13.104	154	485089	32.822	ng/ul	97
44) 2-Chloronaphthalene	13.139	162	392288	32.671	ng/ul	99
45) 2-Nitroaniline	13.368	65	111806	33.732	ng/ul	99
47) Dimethylphthalate	13.751	163	474638	31.161	ng/ul	99
48) 2,6-Dinitrotoluene	13.880	165	97535	32.670	ng/ul	93
50) Acenaphthylene	13.998	152	640852	31.872	ng/ul	99
51) 3-Nitroaniline	14.210	138	101718	31.235	ng/ul	94
52) Acenaphthene	14.339	153	427384	31.854	ng/ul	98
53) 2,4-Dinitrophenol	14.421	184	47064	26.516	ng/ul	89
55) 4-Nitrophenol	14.521	109	78247	29.254	ng/ul	89
56) Dibenzofuran	14.680	168	593097	32.304	ng/ul	100
57) 2,4-Dinitrotoluene	14.674	165	147927	33.102	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	121547	34.520	ng/ul	96
59) Diethylphthalate	15.121	149	485820	31.264	ng/ul	99
61) Fluorene	15.333	166	488498	31.568	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	229560	31.650	ng/ul	96
63) 4-Nitroaniline	15.380	138	96167	32.481	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.433	198	80845	28.756	ng/ul	100
67) N-Nitrosodiphenylamine	15.551	169	403508	33.784	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	142254	32.989	ng/ul	99
69) Hexachlorobenzene	16.327	284	181754	32.403	ng/ul	96
70) Atrazine	16.521	200	139034	31.646	ng/ul	99
71) Pentachlorophenol	16.686	266	109190	32.046	ng/ul	97
72) Phenanthrene	17.080	178	759247	31.866	ng/ul	98
74) Anthracene	17.168	178	761919	31.261	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	192470	34.490	ng/uL	97
76) Pentachlorobenzene	14.592	250	199088	33.531	ng/uL	97
77) Carbazole	17.451	167	721618	30.706	ng/ul	98
78) Di-n-butylphthalate	18.021	149	881630	33.265	ng/ul	100
80) Fluoranthene	19.103	202	893740	36.187	ng/ul	99
82) Pyrene	19.468	202	964983	36.207	ng/ul	99
83) Butylbenzylphthalate	20.392	149	415500	37.210	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.168	252	287652	30.421	ng/ul	95
85) Benzo(a)anthracene	21.227	228	945347	32.762	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.174	149	631515	36.181	ng/ul	100
87) Chrysene	21.280	228	890842	33.118	ng/ul	99
89) Di-n-octyl phthalate	22.050	149	1073024	34.422	ng/ul	100
90) Benzo(b)fluoranthene	22.797	252	994160	34.428	ng/ul	99
91) Benzo(k)fluoranthene	22.844	252	958781	32.988	ng/ul	99
93) Benzo(a)pyrene	23.368	252	837732	29.809	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.697	276	1212714	33.312	ng/ul	99
95) Dibenzo(a,h)anthracene	25.709	278	991225	32.567	ng/ul	98
96) Benzo(g,h,i)perylene	26.373	276	914179	31.832	ng/ul	99

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

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