

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044445.D
 Acq On : 29 Feb 2024 18:30
 Operator : MA/JU
 Sample : PB159263BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS263

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

Quant Time: Feb 29 22:44:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	193137	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	852065	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	485123	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	980911	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	826443	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	883132	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	39472	6.448	ng/uL	0.00
4) Pyridine-d5	3.787	84	568738	34.020	ng/u1	0.00
7) Phenol-d5	7.122	99	662879	35.828	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	413328	34.498	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	522945	37.528	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	498470	35.607	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	254621	36.753	ng/u1	0.01
24) 2-Nitrophenol-d4	9.851	143	276627	39.137	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	480351	38.526	ng/u1	0.01
31) 4-Chloroaniline-d4	10.916	131	688202	32.865	ng/u1	0.01
46) Dimethylphthalate-d6	14.022	166	1352827	36.158	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1608651	37.369	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	263223	35.355	ng/u1	0.00
60) Fluorene-d10	15.592	176	1161390	36.674	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	213789	35.126	ng/u1	0.00
73) Anthracene-d10	17.445	188	1729158	36.971	ng/u1	0.00
81) Pyrene-d10	19.739	212	1931807	38.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	1761363	38.923	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	83238	12.901	ng/uL	98
5) Pyridine	3.805	79	572280	32.721	ng/u1	99
6) Benzaldehyde	7.104	77	316648	39.427	ng/u1	99
8) Phenol	7.151	94	678788	35.295	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.393	93	551161	34.239	ng/u1	98
12) 2-Chlorophenol	7.516	128	533028	36.974	ng/u1	97
13) 2-Methylphenol	8.404	108	500423	35.319	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.492	45	732888	33.299	ng/u1	96
16) Acetophenone	8.792	105	793158	35.463	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	404445	36.098	ng/u1	98
18) 4-Methylphenol	8.740	108	537259	35.596	ng/u1	99
19) Hexachloroethane	9.028	117	217638	35.586	ng/u1	97
22) Nitrobenzene	9.175	77	591927	35.329	ng/u1	98
23) Isophorone	9.698	82	1147391	35.335	ng/u1	99
25) 2-Nitrophenol	9.881	139	291901	37.236	ng/u1	98
26) 2,4-Dimethylphenol	9.945	107	469839	31.388	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.192	93	729829	34.573	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	462706	36.668	ng/u1	97
30) Naphthalene	10.816	128	1680044	34.669	ng/u1	99
32) 4-Chloroaniline	10.939	127	543159	26.618	ng/u1	99
33) Hexachlorobutadiene	11.086	225	267184	35.145	ng/u1	98
34) Caprolactam	11.728	113	157048m	36.004	ng/u1	
35) 4-Chloro-3-methylphenol	12.057	107	509231	37.879	ng/u1	98
36) 2-Methylnaphthalene	12.428	142	1094103	35.446	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	1077385	35.309	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	507735	35.355	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	263913	27.314	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	335882	36.693	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	368367	37.225	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	1366680	34.604	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	1095001	35.409	ng/ul	100
45) 2-Nitroaniline	13.692	65	329699	38.508	ng/ul	97
47) Dimethylphthalate	14.069	163	1349637	35.294	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	273217	38.205	ng/ul	99
50) Acenaphthylene	14.322	152	1816421	35.624	ng/ul	99
51) 3-Nitroaniline	14.521	138	298287	39.538	ng/ul	92
52) Acenaphthene	14.663	153	1182667	35.135	ng/ul	100
53) 2,4-Dinitrophenol	14.727	184	137289	30.938	ng/ul	96
55) 4-Nitrophenol	14.821	109	177891	34.781	ng/ul	96
56) Dibenzofuran	14.998	168	1591041	35.210	ng/ul	100
57) 2,4-Dinitrotoluene	14.974	165	394375	38.386	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.221	232	285480	35.847	ng/ul	100
59) Diethylphthalate	15.433	149	1413122	35.900	ng/ul	99
61) Fluorene	15.645	166	1295193	35.687	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	610628	35.700	ng/ul	97
63) 4-Nitroaniline	15.680	138	318453	43.642	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.733	198	226419	34.007	ng/ul	99
67) N-Nitrosodiphenylamine	15.863	169	1088094	36.638	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	366717	37.627	ng/ul	99
69) Hexachlorobenzene	16.639	284	412932	37.018	ng/ul	99
70) Atrazine	16.821	200	227492	23.363	ng/ul	99
71) Pentachlorophenol	16.992	266	239847	32.627	ng/ul	99
72) Phenanthrene	17.386	178	2019598	35.890	ng/ul	100
74) Anthracene	17.480	178	2025921	35.758	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	508227	37.013	ng/ul	99
76) Pentachlorobenzene	14.910	250	481766	36.753	ng/ul	97
77) Carbazole	17.757	167	1919265	36.027	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2592339	38.432	ng/ul	100
80) Fluoranthene	19.404	202	2269079	38.052	ng/ul	99
82) Pyrene	19.768	202	2343302	37.471	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1161963	41.368	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	689977	37.325	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2272174	36.864	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	1807334	42.027	ng/ul	99
87) Chrysene	21.580	228	2117052	36.540	ng/ul	100
89) Di-n-octyl phthalate	22.415	149	3109830	41.100	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2189618	38.675	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2184243	37.563	ng/ul	99
93) Benzo(a)pyrene	23.862	252	2052508	37.602	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	2462979	37.312	ng/ul	98
95) Dibenzo(a,h)anthracene	26.538	278	2054244	37.240	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	1971101	36.915	ng/ul	98

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

