Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045322.D
Acq On : 17 Apr 2024 18:17
Operator : MA/JU
Sample : P2032-18MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 17 19:28:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E0MG3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/18/2024
Supervised By :mohammad ahmed 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	58851	20.000	ng/ul	0.00
20) Naphthalene-d8	10.345	136	233876	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.221	164	137105	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	270733	20.000	ng/ul	0.00
79) Chrysene-d12	21.203	240	271182	20.000	ng/ul	0.00
88) Perylene-d12	23.397	264	355779	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	5222	3.313	ng/uL	0.00
4) Pyridine-d5	3.581	84	26604	6.208	ng/ul	0.01
7) Phenol-d5	6.763	99	23359	4.682	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	75780	25.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	79500	20.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	43895	11.240	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	48374	26.927	ng/ul	0.00
24) 2-Nitrophenol-d4	9.445	143	49155	25.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	84344	24.261	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	111055	20.064	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	281366	29.474	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	315924	28.013	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	8312	4.172	ng/ul	0.00
60) Fluorene-d10	15.227	176	238385	28.010	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.374	200	42429	26.432	ng/ul	0.00
73) Anthracene-d10	17.086	188	368550	30.261	ng/ul	0.00
81) Pyrene-d10	19.392	212	432767	32.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	546243	31.473	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	5351	3.251	ng/uL#	84
5) Pyridine	3.593	79	33315	7.336	ng/ul#	92
6) Benzaldehyde	6.745	77	74087	32.034	ng/ul	99
8) Phenol	6.787	94	28134	5.446	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.022	93	99077	24.572	ng/ul	99
12) 2-Chlorophenol	7.140	128	79869	19.473	ng/ul	99
13) 2-Methylphenol	8.022	108	52052	13.649	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.098	45	115280	23.971	ng/ul	97
16) Acetophenone	8.404	105	150101	23.642	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.387	70	74678	24.911	ng/ul	91
18) 4-Methylphenol	8.345	108	48507	11.801	ng/ul	98
19) Hexachloroethane	8.622	117	46716	25.897	ng/ul	98
22) Nitrobenzene	8.775	77	119227	27.051	ng/ul	91
23) Isophorone	9.298	82	208094	25.697	ng/ul	98
25) 2-Nitrophenol	9.481	139	53703	25.517	ng/ul	91
26) 2,4-Dimethylphenol	9.539	107	67386	16.608	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.781	93	124975	26.033	ng/ul	96
29) 2,4-Dichlorophenol	9.998	162	85900	24.456	ng/ul	99
30) Naphthalene	10.392	128	313356	25.310	ng/ul	99
32) 4-Chloroaniline	10.528	127	105676	19.621	ng/ul	99
33) Hexachlorobutadiene	10.657	225	57467	26.314	ng/ul	96
34) Caprolactam	11.351	113	2651m	2.236	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	74843	21.435	ng/ul	99
36) 2-Methylnaphthalene	12.016	142	208161	25.751	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.239	142	213809	26.137	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.386	216	106171	28.315	ng/ul	96
40) Hexachlorocyclopentadiene	12.351	237	47165	20.779	ng/ul	90
41) 2,4,6-Trichlorophenol	12.645	196	68634	28.060	ng/ul	95
42) 2,4,5-Trichlorophenol	12.716	196	75520	28.022	ng/ul	98
43) 1,1'-Biphenyl	13.051	154	273297	28.228	ng/ul	96
44) 2-Chloronaphthalene	13.092	162	214253	27.239	ng/ul	98
45) 2-Nitroaniline	13.322	65	64736	29.815	ng/ul	95
47) Dimethylphthalate	13.704	163	281781	28.240	ng/ul	100
48) 2,6-Dinitrotoluene	13.833	165	55594	28.426	ng/ul#	84
50) Acenaphthylene	13.945	152	353256	26.820	ng/ul	99
51) 3-Nitroaniline	14.163	138	53939	25.284	ng/ul	92
52) Acenaphthene	14.286	153	236725	26.934	ng/ul	98
53) 2,4-Dinitrophenol	14.386	184	26711	22.972	ng/ul	92
55) 4-Nitrophenol	14.480	109	8291	4.732	ng/ul#	87
56) Dibenzofuran	14.627	168	321370	26.721	ng/ul	96
57) 2,4-Dinitrotoluene	14.627	165	80754	27.585	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.863	232	62985	27.307	ng/ul	98
59) Diethylphthalate	15.074	149	297935	29.268	ng/ul	100
61) Fluorene	15.286	166	267380	26.377	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	122062	25.690	ng/ul	95
63) 4-Nitroaniline	15.339	138	52792	27.219	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.386	198	45531	26.486	ng/ul	90
67) N-Nitrosodiphenylamine	15.510	169	230101	31.506	ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	80285	30.448	ng/ul	98
69) Hexachlorobenzene	16.280	284	98421	28.695	ng/ul	95
70) Atrazine	16.474	200	79124	29.453	ng/ul	96
71) Pentachlorophenol	16.639	266	55735	26.751	ng/ul	98
72) Phenanthrene	17.027	178	434959	29.855	ng/ul	99
74) Anthracene	17.121	178	436007	29.256	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	103289	30.270	ng/uL	99
76) Pentachlorobenzene	14.539	250	107954	29.735	ng/uL	95
77) Carbazole	17.404	167	420434	29.257	ng/ul	99
78) Di-n-butylphthalate	17.974	149	550753	33.985	ng/ul	99
80) Fluoranthene	19.056	202	504537	32.036	ng/ul	99
82) Pyrene	19.421	202	546918	32.180	ng/ul	100
83) Butylbenzylphthalate	20.350	149	256532	36.027	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.133	252	139383	23.116	ng/ul	97
85) Benzo(a)anthracene	21.186	228	538990	29.292	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.133	149	389111	34.959	ng/ul	98
87) Chrysene	21.239	228	519259	30.272	ng/ul	98
89) Di-n-octyl phthalate	22.003	149	680075	30.381	ng/ul	100
90) Benzo(b)fluoranthene	22.744	252	615906	29.702	ng/ul	99
91) Benzo(k)fluoranthene	22.786	252	615436	29.487	ng/ul	99
93) Benzo(a)pyrene	23.303	252	533154	26.418	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.597	276	842664	32.234	ng/ul	97
95) Dibenzo(a,h)anthracene	25.609	278	695498	31.821	ng/ul	98
96) Benzo(g,h,i)perylene	26.262	276	661787	32.090	ng/ul	99

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

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