Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045244.D
Acq On : 15 Apr 2024 14:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020100

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 15 16:06:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 16:06:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	41547	20.000	ng/ul	0.00
20) Naphthalene-d8	10.357	136	163569	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	99824	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	191059	20.000	ng/ul	0.00
79) Chrysene-d12	21.209	240	201986	20.000	ng/ul	0.00
88) Perylene-d12	23.415	264	257932	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7746	6.962	ng/uL	0.00
4) Pyridine-d5	3.581	84	52577	17.377	ng/ul	0.00
7) Phenol-d5	6.769	99	64124	18.206	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.945	67	42102	20.063	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	56704	20.549	ng/ul	0.00
15) 4-Methylphenol-d8	8.298	113	50466	18.305	ng/ul	0.00
21) Nitrobenzene-d5	8.745	128	25192	20.051	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	27590	20.805	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.986	165	49128	20.205	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	71318	18.423	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	138486	19.925	ng/ul	0.00
49) Acenaphthylene-d8	13.927	160	158732	19.331	ng/ul	0.00
54) 4-Nitrophenol-d4	14.474	143	22281	15.360	ng/ul	0.00
60) Fluorene-d10	15.239	176	117582	18.976	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	19438	17.159	ng/ul	0.00
73) Anthracene-d10	17.098	188	177335	20.633	ng/ul	0.00
81) Pyrene-d10	19.403	212	195413	19.648	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	251847	20.015	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	9469	8.149	ng/uL	94
5) Pyridine	3.599	79	58850	18.357	ng/ul	95
6) Benzaldehyde	6.757	77	42106	25.788	ng/ul	98
8) Phenol	6.798	94	69023	18.924	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.034	93	56511	19.852	ng/ul	95
12) 2-Chlorophenol	7.151	128	57073	19.711	ng/ul	96
13) 2-Methylphenol	8.034	108	48299	17.940	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.110	45	68021	20.035	ng/ul	98
16) Acetophenone	8.416	105	84063	18.755	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.398	70	41939	19.817	ng/ul#	95
18) 4-Methylphenol	8.363	108	53585	18.466	ng/ul	96
19) Hexachloroethane	8.634	117	26935	21.150	ng/ul	93
22) Nitrobenzene	8.792	77	66271	21.499	ng/ul	94
23) Isophorone	9.310	82	116049	20.490	ng/ul	98
25) 2-Nitrophenol	9.492	139	30509	20.728	ng/ul	92
26) 2,4-Dimethylphenol	9.551	107	58285	20.539	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.798	93	71202	21.207	ng/ul	98
29) 2,4-Dichlorophenol	10.016	162	50043	20.372	ng/ul	98
30) Naphthalene	10.404	128	175479	20.266	ng/ul	99
32) 4-Chloroaniline	10.539	127	69232	18.380	ng/ul	98
33) Hexachlorobutadiene	10.669	225	32395	21.210	ng/ul	95
34) Caprolactam	11.345	113	13784m	16.621	ng/ul	
35) 4-Chloro-3-methylphenol	11.669	107	46584	19.076	ng/ul	100
36) 2-Methylnaphthalene	12.027	142	111997	19.810	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	116430	20.350	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.398	216	55270	20.245	ng/ul	96
40) Hexachlorocyclopentadiene	12.363	237	33659	20.367	ng/ul	98
41) 2,4,6-Trichlorophenol	12.657	196	35900	20.159	ng/ul	100
42) 2,4,5-Trichlorophenol	12.733	196	38546	19.644	ng/ul	94
43) 1,1'-Biphenyl	13.063	154	145039	20.576	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	114592	20.009	ng/ul	97
45) 2-Nitroaniline	13.333	65	31719	20.064	ng/ul	94
47) Dimethylphthalate	13.710	163	142491	19.614	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	26322	18.486	ng/ul#	82
50) Acenaphthylene	13.957	152	192049	20.026	ng/ul	99
51) 3-Nitroaniline	14.180	138	27605	17.773	ng/ul#	94
52) Acenaphthene	14.298	153	129842	20.290	ng/ul	96
53) 2,4-Dinitrophenol	14.398	184	11941	14.105	ng/ul	87
55) 4-Nitrophenol	14.492	109	20553	16.111	ng/ul	81
56) Dibenzofuran	14.639	168	174363	19.912	ng/ul	97
57) 2,4-Dinitrotoluene	14.639	165	40027	18.780	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.874	232	31486	18.749	ng/ul	96
59) Diethylphthalate	15.086	149	150165	20.261	ng/ul	99
61) Fluorene	15.292	166	144388	19.563	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.298	204	66943	19.351	ng/ul	93
63) 4-Nitroaniline	15.351	138	25256	17.885	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.398	198	21535	17.751	ng/ul	96
67) N-Nitrosodiphenylamine	15.515	169	115761	22.460	ng/ul	99
68) 4-Bromophenyl-phenylether	16.198	248	41645	22.380	ng/ul	93
69) Hexachlorobenzene	16.292	284	48018	19.838	ng/ul	96
70) Atrazine	16.486	200	38612	20.366	ng/ul	96
71) Pentachlorophenol	16.651	266	24380	16.581	ng/ul	99
72) Phenanthrene	17.039	178	211663	20.587	ng/ul	98
74) Anthracene	17.133	178	220013	20.919	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	52908	21.971	ng/uL	99
76) Pentachlorobenzene	14.551	250	56275	21.964	ng/uL	98
77) Carbazole	17.421	167	193390	19.070	ng/ul	98
78) Di-n-butylphthalate	17.986	149	259219	22.666	ng/ul	99
80) Fluoranthene	19.068	202	235385	20.066	ng/ul	97
82) Pyrene	19.433	202	255912	20.216	ng/ul	99
83) Butylbenzylphthalate	20.362	149	115342	21.748	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.144	252	88528	19.712	ng/ul	99
85) Benzo(a)anthracene	21.197	228	271590	19.817	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.144	149	188832	22.777	ng/ul	98
87) Chrysene	21.250	228	252050	19.728	ng/ul	99
89) Di-n-octyl phthalate	22.021	149	322617	19.880	ng/ul	100
90) Benzo(b)fluoranthene	22.756	252	297642	19.799	ng/ul	99
91) Benzo(k)fluoranthene	22.803	252	298204	19.708	ng/ul	99
93) Benzo(a)pyrene	23.321	252	294094	20.101	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.621	276	398681	21.036	ng/ul	96
95) Dibenzo(a,h)anthracene	25.632	278	326425	20.601	ng/ul	97
96) Benzo(g,h,i)perylene	26.297	276	315689	21.114	ng/ul	100

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

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