Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM045003.D
Acq On : 07 Apr 2024 12:23
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020091

Quant Time: Apr 08 05:55:51 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	7.628	152	84231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	355085	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	224274	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	457456	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	454346	20.000	ng/ul	0.00
88) Perylene-d12	23.462	264	531411	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	16563	7.343	ng/uL	0.00
4) Pyridine-d5	3.604	84	117174	19.102	ng/ul	0.00
7) Phenol-d5	6.810	99	145032	20.311	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	87293	20.519	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	118932	21.259	ng/ul	0.00
15) 4-Methylphenol-d8	8.339	113	114350	20.459	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	57507	21.084	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	63643	22.107	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	115787	21.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	167987	19.990	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	312039	19.983	ng/ul	0.00
49) Acenaphthylene-d8	13.968	160	385347	20.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	57765	17.725	ng/ul	0.00
60) Fluorene-d10	15.280	176	281551	20.224	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	47015	17.334	ng/ul	0.00
73) Anthracene-d10	17.139	188	438380	21.303	ng/ul	0.00
81) Pyrene-d10	19.439	212	508917	22.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	552334	21.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	18339	7.785	ng/uL#	87
5) Pyridine	3.622	79	126891	19.523	ng/ul	95
6) Benzaldehyde	6.792	77	87200	26.343	ng/ul	98
8) Phenol	6.839	94	149735	20.249	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.075	93	116221	20.139	ng/ul	95
12) 2-Chlorophenol	7.198	128	124089	21.139	ng/ul	97
13) 2-Methylphenol	8.075	108	113150	20.731	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.151	45	143045	20.782	ng/ul	99
16) Acetophenone	8.457	105	181680	19.993	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.439	70	90346	21.057	ng/ul#	95
18) 4-Methylphenol	8.404	108	121359	20.629	ng/ul	99
19) Hexachloroethane	8.681	117	53272	20.633	ng/ul	97
22) Nitrobenzene	8.833	77	142867	21.350	ng/ul	99
23) Isophorone	9.351	82	252558	20.542	ng/ul	99
25) 2-Nitrophenol	9.533	139	69589	21.779	ng/ul#	88
26) 2,4-Dimethylphenol	9.598	107	130278	21.148	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.839	93	154683	21.222	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	116972	21.935	ng/ul	96
30) Naphthalene	10.451	128	390923	20.797	ng/ul	98
32) 4-Chloroaniline	10.586	127	161313	19.728	ng/ul	99
33) Hexachlorobutadiene	10.716	225	69385	20.926	ng/ul	89
34) Caprolactam	11.380	113	31117	17.284	ng/ul	95
35) 4-Chloro-3-methylphenol	11.710	107	112890	21.295	ng/ul	99
36) 2-Methylnaphthalene	12.074	142	257163	20.953	ng/ul	99

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.298	142	260960	21.011	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.445	216	132803	21.652	ng/ul	98
40)	Hexachlorocyclopentadiene	12.410	237	59076	15.911	ng/ul	94
41)	2,4,6-Trichlorophenol	12.698	196	89131	22.277	ng/ul	97
42)	2,4,5-Trichlorophenol	12.774	196	95310	21.620	ng/ul	96
43)	1,1'-Biphenyl	13.104	154	334344	21.112	ng/ul	97
44)	2-Chloronaphthalene	13.145	162	267662	20.803	ng/ul	99
45)	2-Nitroaniline	13.374	65	73291	20.635	ng/ul	95
47)	Dimethylphthalate	13.751	163	323280	19.807	ng/ul#	99
48)	2,6-Dinitrotoluene	13.880	165	65004	20.319	ng/ul	92
50)	Acenaphthylene	13.998	152	447592	20.774	ng/ul	100
51)	3-Nitroaniline	14.210	138	71518	20.495	ng/ul	98
52)	Acenaphthene	14.345	153	297763	20.711	ng/ul	99
53)	2,4-Dinitrophenol	14.427	184	27488	14.452	ng/ul	94
55)	4-Nitrophenol	14.527	109	50705	17.691	ng/ul	86
56)	Dibenzofuran	14.680	168	403211	20.495	ng/ul	99
57)	2,4-Dinitrotoluene	14.674	165	99529	20.784	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	14.910	232	79289	21.015	ng/ul	96
59)	Diethylphthalate	15.121	149	331893	19.932	ng/ul	100
61)	Fluorene	15.333	166	332853	20.073	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.333	204	159873	20.570	ng/ul	97
63)	4-Nitroaniline	15.386	138	63728	20.087	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.433	198	50745	17.470	ng/ul	95
67)	N-Nitrosodiphenylamine	15.557	169	264503	21.434	ng/ul	99
68)	4-Bromophenyl-phenylether	16.233	248	98076	22.013	ng/ul	98
69)	Hexachlorobenzene	16.333	284	124380	21.461	ng/ul	98
70)	Atrazine	16.521	200	92357	20.346	ng/ul	99
71)	Pentachlorophenol	16.686	266	68447	19.443	ng/ul	97
72)	Phenanthrene	17.080	178	515835	20.954	ng/ul	99
74)	Anthracene	17.168	178	536497	21.305	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.063	216	131992	22.893	ng/uL	97
76)	Pentachlorobenzene	14.592	250	136665	22.278	ng/uL	97
77)	Carbazole	17.456	167	479484	19.747	ng/ul	99
78)	Di-n-butylphthalate	18.021	149	593014	21.656	ng/ul	100
80)	Fluoranthene	19.103	202	593738	22.501	ng/ul	97
82)	Pyrene	19.474	202	637152	22.376	ng/ul	99
83)	Butylbenzylphthalate	20.392	149	272398	22.833	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.174	252	201958	19.991	ng/ul	99
85)	Benzo(a)anthracene	21.227	228	648110	21.023	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.174	149	433404	23.241	ng/ul	100
87)	Chrysene	21.280	228	592369	20.612	ng/ul	100
89)	Di-n-octyl phthalate	22.056	149	719294	21.513	ng/ul	100
90)	Benzo(b)fluoranthene	22.797	252	668775	21.592	ng/ul	100
91)	Benzo(k)fluoranthene	22.844	252	661862	21.231	ng/ul	100
93)	Benzo(a)pyrene	23.368	252	642639	21.319	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.697	276	811898	20.793	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.715	278	678587	20.786	ng/ul	100
96)	Benzo(g,h,i)perylene	26.379	276	641226	20.816	ng/ul	98

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

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