Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048077.D
Acq On : 16 Oct 2024 02:21
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020182

Quant Time: Oct 16 02:56:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	311120	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1277932	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	797742	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1565316	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1378889	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1562228	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	60082	6.241	ng/uL	0.00
4) Pyridine-d5	3.652	84	412839	14.645	ng/ul	0.00
7) Phenol-d5	6.957	99	504280	17.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	301359	14.436	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	439166	20.518	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	402000	18.379	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	213588	20.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	235830	24.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	417585	21.438	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	556515	18.481	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1126764	19.482	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1335097	19.469	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	210460	18.277	ng/ul	0.00
60) Fluorene-d10	15.410	176	962860	19.220	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	169940	18.552	ng/ul	0.00
73) Anthracene-d10	17.257	188	1471601	19.120	ng/ul	0.00
81) Pyrene-d10	19.545	212	1633326	20.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	1571388	19.387	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	63282	6.018	ng/uL#	86
5) Pyridine	3.675	79	434026	14.625	ng/ul	85
6) Benzaldehyde	6.922	77	283935	17.747	ng/ul	85
8) Phenol	6.981	94	511454	16.339	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.204	93	422659	16.945	ng/ul	88
12) 2-Chlorophenol	7.345	128	437989	19.315	ng/ul#	90
13) 2-Methylphenol	8.228	108	395481	18.119	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.304	45	606496	12.916	ng/ul#	94
16) Acetophenone	8.598	105	622246	16.626	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.587	70	304693	15.370	ng/ul#	85
18) 4-Methylphenol	8.557	108	423803	17.278	ng/ul	98
19) Hexachloroethane	8.857	117	185760	18.225	ng/ul	85
22) Nitrobenzene	8.975	77	464983	16.087	ng/ul#	87
23) Isophorone	9.504	82	895883	17.327	ng/ul#	94
25) 2-Nitrophenol	9.686	139	247005	22.143	ng/ul#	83
26) 2,4-Dimethylphenol	9.751	107	433731	18.146	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.981	93	555666	17.571	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	404883	20.130	ng/ul	96
30) Naphthalene	10.622	128	1390951	18.923	ng/ul	99
32) 4-Chloroaniline	10.733	127	524708	17.696	ng/ul	99
33) Hexachlorobutadiene	10.910	225	268797	20.227	ng/ul	98
34) Caprolactam	11.510	113	125624	19.530	ng/ul#	70
35) 4-Chloro-3-methylphenol	11.869	107	400982	19.259	ng/ul	92
36) 2-Methylnaphthalene	12.233	142	907039	19.420	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	937250	19.724	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	484774	18.668	ng/ul#	97
40) Hexachlorocyclopentadiene	12.586	237	309317	19.693	ng/ul	97
41) 2,4,6-Trichlorophenol	12.851	196	320337	21.320	ng/ul	99
42) 2,4,5-Trichlorophenol	12.927	196	336651	20.490	ng/ul	97
43) 1,1'-Biphenyl	13.251	154	1163294	18.213	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	934297	18.913	ng/ul	95
45) 2-Nitroaniline	13.498	65	240448	15.333	ng/ul#	70
47) Dimethylphthalate	13.874	163	1131715	19.321	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	230081	22.367	ng/ul#	81
50) Acenaphthylene	14.139	152	1520064	19.655	ng/ul	99
51) 3-Nitroaniline	14.321	138	247913	19.912	ng/ul	86
52) Acenaphthene	14.480	153	992263	18.151	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	129708	20.406	ng/ul#	75
55) 4-Nitrophenol	14.645	109	186319	19.271	ng/ul	83
56) Dibenzofuran	14.816	168	1363982	18.536	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	333956	21.615	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.045	232	287792	22.221	ng/ul#	96
59) Diethylphthalate	15.239	149	1146139	19.557	ng/ul	98
61) Fluorene	15.468	166	1085872	17.687	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	545047	18.788	ng/ul	95
63) 4-Nitroaniline	15.486	138	258963	21.417	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.551	198	181075	17.840	ng/ul#	83
67) N-Nitrosodiphenylamine	15.674	169	910028	18.657	ng/ul	98
68) 4-Bromophenyl-phenylether	16.351	248	335638	20.802	ng/ul	95
69) Hexachlorobenzene	16.468	284	394056	20.986	ng/ul	93
70) Atrazine	16.627	200	344529	21.219	ng/ul	98
71) Pentachlorophenol	16.815	266	276918	23.193	ng/ul	99
72) Phenanthrene	17.204	178	1679201	18.293	ng/ul	99
74) Anthracene	17.292	178	1734861	18.530	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	475420	18.344	ng/uL	98
76) Pentachlorobenzene	14.739	250	472547	18.679	ng/uL	98
77) Carbazole	17.562	167	1552799	18.298	ng/ul	99
78) Di-n-butylphthalate	18.121	149	2001746	21.187	ng/ul#	98
80) Fluoranthene	19.215	202	1929482	20.934	ng/ul	98
82) Pyrene	19.574	202	2019077	19.682	ng/ul	97
83) Butylbenzylphthalate	20.468	149	910740	25.112	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.292	252	578278	19.847	ng/ul	99
85) Benzo(a)anthracene	21.368	228	1936212	20.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1318400	24.213	ng/ul	97
87) Chrysene	21.433	228	1816681	19.302	ng/ul	100
89) Di-n-octyl phthalate	22.415	149	2311970	22.944	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	1933432	19.845	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	1870519	18.777	ng/ul	98
93) Benzo(a)pyrene	24.244	252	1802301	19.479	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.762	276	2189315	18.464	ng/ul	99
95) Dibenzo(a,h)anthracene	27.815	278	1834109	18.875	ng/ul	99
96) Benzo(g,h,i)perylene	28.821	276	1779622	19.156	ng/ul	97

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

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