Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047931.D
Acq On : 09 Oct 2024 03:37
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020170

Quant Time: Oct 09 04:12:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	294814	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	1235477	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.427	164	760259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1474084	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1299139	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1420011	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	58777	6.443	ng/uL	0.00
4) Pyridine-d5	3.663	84	424902	15.907	ng/ul	0.00
7) Phenol-d5	6.963	99	502749	18.034	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	307744	15.557	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	421735	20.793	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	399777	19.288	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	202894	20.626	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	216227	22.938	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	411557	21.855	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	562708	19.328	ng/ul	-0.01
46) Dimethylphthalate-d6	13.839	166	1089055	19.758	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	1301034	19.908	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	202857	18.485	ng/ul	0.00
60) Fluorene-d10	15.421	176	947742	19.851	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	151545	17.568	ng/ul	0.00
73) Anthracene-d10	17.268	188	1412963	19.494	ng/ul	0.00
81) Pyrene-d10	19.551	212	1555979	21.103	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1443798	19.596	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	62904	6.313	ng/uL#	86
5) Pyridine	3.687	79	447682	15.920	ng/ul	88
6) Benzaldehyde	6.934	77	292652	19.303	ng/ul	92
8) Phenol	6.993	94	514573	17.347	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.216	93	419032	17.729	ng/ul	90
12) 2-Chlorophenol	7.363	128	425398	19.798	ng/ul	91
13) 2-Methylphenol	8.240	108	394304	19.064	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	627168	14.095	ng/ul#	95
16) Acetophenone	8.610	105	634966	17.904	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.598	70	318055	16.932	ng/ul#	89
18) 4-Methylphenol	8.563	108	421305	18.126	ng/ul	99
19) Hexachloroethane	8.875	117	181186	18.760	ng/ul	87
22) Nitrobenzene	8.992	77	468622	16.770	ng/ul	92
23) Isophorone	9.516	82	901935	18.043	ng/ul	96
25) 2-Nitrophenol	9.698	139	233163	21.621	ng/ul#	87
26) 2,4-Dimethylphenol	9.763	107	437128	18.917	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.998	93	553951	18.119	ng/ul	97
29) 2,4-Dichlorophenol	10.234	162	403417	20.747	ng/ul	97
30) Naphthalene	10.634	128	1370779	19.289	ng/ul	99
32) 4-Chloroaniline	10.739	127	531760	18.550	ng/ul	100
33) Hexachlorobutadiene	10.928	225	259726	20.216	ng/ul	98
34) Caprolactam	11.516	113	117880	18.956	ng/ul	77
35) 4-Chloro-3-methylphenol	11.869	107	402240	19.984	ng/ul	96
36) 2-Methylnaphthalene	12.245	142	896730	19.859	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	932278	20.293	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	484388	19.572	ng/ul#	97
40) Hexachlorocyclopentadiene	12.604	237	218413	14.591	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	307679	21.487	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	328454	20.976	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	1164791	19.136	ng/ul#	97
44) 2-Chloronaphthalene	13.304	162	913704	19.409	ng/ul	97
45) 2-Nitroaniline	13.504	65	249977	16.727	ng/ul#	77
47) Dimethylphthalate	13.886	163	1101698	19.736	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	213108	21.738	ng/ul	86
50) Acenaphthylene	14.151	152	1502327	20.384	ng/ul	99
51) 3-Nitroaniline	14.327	138	236189	19.906	ng/ul	88
52) Acenaphthene	14.492	153	983621	18.880	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	92944	15.343	ng/ul#	80
55) 4-Nitrophenol	14.639	109	151143	16.404	ng/ul	90
56) Dibenzofuran	14.827	168	1340782	19.119	ng/ul	97
57) 2,4-Dinitrotoluene	14.786	165	310485	21.087	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.057	232	277238	22.461	ng/ul#	94
59) Diethylphthalate	15.251	149	1092282	19.557	ng/ul	98
61) Fluorene	15.474	166	1088945	18.612	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.468	204	534793	19.344	ng/ul	97
63) 4-Nitroaniline	15.492	138	244196	21.191	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.551	198	166128	17.380	ng/ul#	86
67) N-Nitrosodiphenylamine	15.680	169	892965	19.440	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	320127	21.068	ng/ul	96
69) Hexachlorobenzene	16.480	284	372212	21.050	ng/ul	92
70) Atrazine	16.633	200	269302	17.612	ng/ul	98
71) Pentachlorophenol	16.821	266	230503	20.500	ng/ul	99
72) Phenanthrene	17.210	178	1663798	19.247	ng/ul	99
74) Anthracene	17.298	178	1710929	19.405	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.227	216	469649	19.243	ng/uL	98
76) Pentachlorobenzene	14.751	250	460550	19.332	ng/uL	99
77) Carbazole	17.568	167	1510394	18.900	ng/ul	98
78) Di-n-butylphthalate	18.133	149	1834434	20.618	ng/ul	99
80) Fluoranthene	19.221	202	1844603	21.242	ng/ul	98
82) Pyrene	19.580	202	1948720	20.162	ng/ul	96
83) Butylbenzylphthalate	20.474	149	785590	22.991	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.297	252	538252	19.608	ng/ul	99
85) Benzo(a)anthracene	21.374	228	1837348	20.199	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	1161723	22.645	ng/ul	97
87) Chrysene	21.433	228	1723034	19.430	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1955569	21.351	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	1790793	20.222	ng/ul	98
91) Benzo(k)fluoranthene	23.503	252	1757346	19.408	ng/ul	99
93) Benzo(a)pyrene	24.250	252	1679037	19.964	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.768	276	2020188	18.744	ng/ul	98
95) Dibenzo(a,h)anthracene	27.826	278	1695687	19.198	ng/ul	98
96) Benzo(g,h,i)perylene	28.821	276	1640026	19.421	ng/ul	96

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

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