Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012224\
Data File : BP019407.D
Acq On : 22 Jan 2024 10:43
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020755

Quant Time: Jan 22 23:55:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 11:49:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	136477	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	563394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	387217	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	947268	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	886972	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	875949	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	25688	7.117	ng/uL	0.00
4) Pyridine-d5	3.634	84	190408	18.244	ng/ul	0.00
7) Phenol-d5	6.958	99	233183	17.876	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	147207	18.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	171714	19.164	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	190025	18.363	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	88851	18.746	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	103554	18.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	212903	19.135	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	250387	17.816	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	638096	18.653	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	678985	18.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	82006	15.611	ng/ul	0.00
60) Fluorene-d10	15.410	176	548767	19.593	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	119438	17.078	ng/ul	0.00
73) Anthracene-d10	17.275	188	880147	18.630	ng/ul	0.00
81) Pyrene-d10	19.516	212	1068183	18.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	899695	18.889	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	27727	7.417	ng/uL	98
5) Pyridine	3.652	79	194124	18.310	ng/ul	95
6) Benzaldehyde	6.922	77	140628	24.729	ng/ul	99
8) Phenol	6.987	94	242405	18.446	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	199434	18.920	ng/ul	99
12) 2-Chlorophenol	7.340	128	177239	19.137	ng/ul	99
13) 2-Methylphenol	8.234	108	179033	18.164	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	245973	19.611	ng/ul	99
16) Acetophenone	8.605	105	315850	19.161	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	171450	19.962	ng/ul	99
18) 4-Methylphenol	8.563	108	198848	18.950	ng/ul	99
19) Hexachloroethane	8.840	117	80204	19.173	ng/ul	93
22) Nitrobenzene	8.981	77	256458	19.341	ng/ul	98
23) Isophorone	9.505	82	485158	18.874	ng/ul	98
25) 2-Nitrophenol	9.687	139	108612	18.775	ng/ul	94
26) 2,4-Dimethylphenol	9.757	107	237255	19.021	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.993	93	277320	18.758	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	204455	19.068	ng/ul	98
30) Naphthalene	10.616	128	603241	19.002	ng/ul	100
32) 4-Chloroaniline	10.740	127	250240	18.199	ng/ul	99
33) Hexachlorobutadiene	10.893	225	178003	19.241	ng/ul	99
34) Caprolactam	11.540	113	59137	17.586	ng/ul	97
35) 4-Chloro-3-methylphenol	11.881	107	231275	19.428	ng/ul	97
36) 2-Methylnaphthalene	12.228	142	441824	19.128	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	435443	19.267	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	331364	19.748	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	193233	17.942	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	201454	19.509	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	216535	19.567	ng/ul	100
43) 1,1'-Biphenyl	13.245	154	624628	19.527	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	507532	19.619	ng/ul	98
45) 2-Nitroaniline	13.510	65	145607	19.624	ng/ul	96
47) Dimethylphthalate	13.881	163	634401	18.659	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	130868	19.466	ng/ul	100
50) Acenaphthylene	14.140	152	750465	18.684	ng/ul	99
51) 3-Nitroaniline	14.345	138	101858	17.369	ng/ul	98
52) Acenaphthene	14.481	153	499763	18.990	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	62298	14.132	ng/ul	93
55) 4-Nitrophenol	14.675	109	90506	15.954	ng/ul	98
56) Dibenzofuran	14.816	168	734256	19.487	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	189849	20.126	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.051	232	194952	19.844	ng/ul	99
59) Diethylphthalate	15.245	149	622314	19.560	ng/ul	100
61) Fluorene	15.469	166	607250	19.677	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	363604	19.743	ng/ul	99
63) 4-Nitroaniline	15.510	138	85657	18.841	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.569	198	128154	17.289	ng/ul	98
67) N-Nitrosodiphenylamine	15.681	169	515389	18.456	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	239774	18.531	ng/ul	97
69) Hexachlorobenzene	16.469	284	276973	18.574	ng/ul	99
70) Atrazine	16.645	200	220760	18.136	ng/ul	98
71) Pentachlorophenol	16.828	266	165626	17.883	ng/ul	98
72) Phenanthrene	17.216	178	996888	18.735	ng/ul	100
74) Anthracene	17.304	178	1008545	18.697	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	321326	18.320	ng/uL	98
76) Pentachlorobenzene	14.734	250	314359	18.451	ng/uL	99
77) Carbazole	17.586	167	820165	17.872	ng/ul	100
78) Di-n-butylphthalate	18.139	149	1036980	18.882	ng/ul	99
80) Fluoranthene	19.192	202	1250318	18.289	ng/ul	99
82) Pyrene	19.545	202	1277273	18.408	ng/ul	99
83) Butylbenzylphthalate	20.427	149	441534	18.547	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.198	252	368422	18.294	ng/ul	99
85) Benzo(a)anthracene	21.263	228	1277443	18.501	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	637782	18.664	ng/ul	98
87) Chrysene	21.316	228	1171943	18.568	ng/ul	100
89) Di-n-octyl phthalate	22.092	149	1025239	17.148	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	1173004	18.739	ng/ul	99
91) Benzo(k)fluoranthene	22.957	252	1100776	18.127	ng/ul	100
93) Benzo(a)pyrene	23.521	252	1045193	18.581	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.062	276	1156825	17.390	ng/ul	98
95) Dibenzo(a,h)anthracene	26.074	278	945973	17.178	ng/ul	100
96) Benzo(g,h,i)perylene	26.809	276	941667	17.626	ng/ul	98

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

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