Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011524\
Data File : BP019365.D
Acq On : 15 Jan 2024 10:09
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020748

Quant Time: Jan 15 11:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	113361	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	465293	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.422	164	336717	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	869585	20.000	ng/ul	-0.01
79) Chrysene-d12	21.280	240	940175	20.000	ng/ul	0.00
88) Perylene-d12	23.633	264	998053	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	20627	6.881	ng/uL	0.00
4) Pyridine-d5	3.634	84	156381	18.039	ng/ul	0.00
7) Phenol-d5	6.963	99	185716	17.141	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.116	67	116669	18.003	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.310	132	133541	17.942	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	149299	17.369	ng/ul	-0.01
21) Nitrobenzene-d5	8.940	128	69574	17.773	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.663	143	80859	17.778	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	165831	18.047	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.722	131	205494	17.704	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	519395	17.460	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	550267	17.256	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.657	143	76725	16.796	ng/ul	-0.01
60) Fluorene-d10	15.416	176	454492	18.661	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	103316	16.093	ng/ul	0.00
73) Anthracene-d10	17.275	188	767875	17.705	ng/ul	-0.01
81) Pyrene-d10	19.522	212	996310	16.251	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	960104	17.692	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	22943	7.388	ng/uL	97
5) Pyridine	3.652	79	156611	17.784	ng/ul#	87
6) Benzaldehyde	6.922	77	107351	22.727	ng/ul	95
8) Phenol	6.987	94	192184	17.607	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.210	93	153302	17.509	ng/ul	96
12) 2-Chlorophenol	7.340	128	137380	17.858	ng/ul	99
13) 2-Methylphenol	8.234	108	143848	17.570	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	195109	18.728	ng/ul	98
16) Acetophenone	8.604	105	252389	18.433	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.593	70	133868	18.765	ng/ul	96
18) 4-Methylphenol	8.563	108	156393	17.943	ng/ul	98
19) Hexachloroethane	8.840	117	59802	17.211	ng/ul	94
22) Nitrobenzene	8.987	77	207563	18.954	ng/ul	98
23) Isophorone	9.510	82	379234	17.864	ng/ul	99
25) 2-Nitrophenol	9.693	139	86243	18.051	ng/ul	92
26) 2,4-Dimethylphenol	9.763	107	188381	18.287	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.993	93	215275	17.631	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	161668	18.256	ng/ul	98
30) Naphthalene	10.616	128	470922	17.961	ng/ul	100
32) 4-Chloroaniline	10.746	127	202330	17.817	ng/ul	98
33) Hexachlorobutadiene	10.893	225	137377	17.981	ng/ul	99
34) Caprolactam	11.540	113	48952	17.627	ng/ul	98
35) 4-Chloro-3-methylphenol	11.881	107	185527	18.871	ng/ul	99
36) 2-Methylnaphthalene	12.234	142	348633	18.275	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	345788	18.526	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	251314	17.223	ng/ul	98
40) Hexachlorocyclopentadiene	12.575	237	142102	15.174	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	153205	17.062	ng/ul	98
42) 2,4,5-Trichlorophenol	12.934	196	165414	17.190	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	473496	17.022	ng/ul	100
44) 2-Chloronaphthalene	13.292	162	379517	16.871	ng/ul	97
45) 2-Nitroaniline	13.516	65	121392	18.814	ng/ul	98
47) Dimethylphthalate	13.887	163	521449	17.637	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	105985	18.129	ng/ul	98
50) Acenaphthylene	14.139	152	609505	17.451	ng/ul	100
51) 3-Nitroaniline	14.345	138	91334	17.911	ng/ul	95
52) Acenaphthene	14.481	153	407388	17.802	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	59916	15.630	ng/ul	97
55) 4-Nitrophenol	14.669	109	89214	18.085	ng/ul	97
56) Dibenzofuran	14.822	168	604561	18.452	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	160114	19.519	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.051	232	166347	19.472	ng/ul	99
59) Diethylphthalate	15.251	149	513574	18.563	ng/ul	99
61) Fluorene	15.469	166	501797	18.698	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	299992	18.732	ng/ul	100
63) 4-Nitroaniline	15.510	138	78785	19.929	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.569	198	111628	16.405	ng/ul	99
67) N-Nitrosodiphenylamine	15.686	169	435298	16.981	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	203613	17.142	ng/ul	96
69) Hexachlorobenzene	16.475	284	235499	17.204	ng/ul	98
70) Atrazine	16.651	200	189890	16.994	ng/ul	99
71) Pentachlorophenol	16.828	266	141795	16.678	ng/ul	97
72) Phenanthrene	17.222	178	862736	17.662	ng/ul	99
74) Anthracene	17.310	178	880597	17.784	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	244025	15.156	ng/uL	99
76) Pentachlorobenzene	14.739	250	258725	16.542	ng/uL	98
77) Carbazole	17.592	167	753814	17.894	ng/ul	100
78) Di-n-butylphthalate	18.145	149	899439	17.840	ng/ul	99
80) Fluoranthene	19.198	202	1153294	15.915	ng/ul	99
82) Pyrene	19.551	202	1194064	16.235	ng/ul	99
83) Butylbenzylphthalate	20.427	149	416362	16.500	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.204	252	391836	18.356	ng/ul	97
85) Benzo(a)anthracene	21.269	228	1271557	17.374	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	617204	17.040	ng/ul	99
87) Chrysene	21.316	228	1164043	17.399	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	1061088	15.576	ng/ul	100
90) Benzo(b)fluoranthene	22.915	252	1226976	17.203	ng/ul	100
91) Benzo(k)fluoranthene	22.963	252	1203960	17.400	ng/ul	100
93) Benzo(a)pyrene	23.527	252	1129264	17.620	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.068	276	1210796	15.974	ng/ul	98
95) Dibenzo(a,h)anthracene	26.086	278	997815	15.902	ng/ul	100
96) Benzo(g,h,i)perylene	26.821	276	966846	15.884	ng/ul	99

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

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