Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018330.D
Acq On : 24 Nov 2023 16:44
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020691

Quant Time: Nov 24 22:00:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	399146	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1603499	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	920818	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1580787	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1178789	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1443116	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	83653	7.850	ng/uL	0.00
4) Pyridine-d5	3.687	84	575956	19.666	ng/ul	0.00
7) Phenol-d5	7.028	99	702497	19.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	421165	19.308	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	585772	19.126	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	575927	19.564	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	275513	21.154	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	259892	21.607	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	584528	20.143	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	794862	20.309	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1525345	18.616	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1850881	19.825	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	193335	17.092	ng/ul	0.00
60) Fluorene-d10	15.492	176	1279797	18.674	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	124397	18.486	ng/ul	0.00
73) Anthracene-d10	17.351	188	1668078	19.742	ng/ul	0.00
81) Pyrene-d10	19.586	212	1589338	16.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	1629515	19.477	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	89876	7.865	ng/uL#	92
5) Pyridine	3.705	79	576400	19.533	ng/ul	99
6) Benzaldehyde	7.005	77	425438	22.039	ng/ul	100
8) Phenol	7.058	94	703197	19.652	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.299	93	594751	19.954	ng/ul	99
12) 2-Chlorophenol	7.428	128	591775	19.259	ng/ul	99
13) 2-Methylphenol	8.310	108	543155	19.488	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	774752	18.287	ng/ul	98
16) Acetophenone	8.693	105	890049	19.759	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.687	70	420153	16.697	ng/ul	96
18) 4-Methylphenol	8.640	108	584366	19.634	ng/ul	99
19) Hexachloroethane	8.952	117	244060	19.020	ng/ul	97
22) Nitrobenzene	9.075	77	615596	20.175	ng/ul	97
23) Isophorone	9.599	82	1208061	17.764	ng/ul	99
25) 2-Nitrophenol	9.781	139	291847	21.565	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	586603	19.306	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	792603	19.298	ng/ul	100
29) 2,4-Dichlorophenol	10.316	162	557923	20.071	ng/ul	98
30) Naphthalene	10.722	128	1919156	19.789	ng/ul	100
32) 4-Chloroaniline	10.828	127	757575	20.512	ng/ul	99
33) Hexachlorobutadiene	11.010	225	397700	20.977	ng/ul	98
34) Caprolactam	11.587	113	123109	15.369	ng/ul	92
35) 4-Chloro-3-methylphenol	11.951	107	531904	17.897	ng/ul	96
36) 2-Methylnaphthalene	12.328	142	1299105	18.927	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	1295463	18.751	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	719170	22.114	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	410250	22.273	ng/ul	98
41) 2,4,6-Trichlorophenol	12.934	196	411802	21.085	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	440680	20.866	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	1662055	20.716	ng/ul	100
44) 2-Chloronaphthalene	13.381	162	1326481	20.890	ng/ul	98
45) 2-Nitroaniline	13.581	65	265711	19.447	ng/ul	95
47) Dimethylphthalate	13.963	163	1512990	18.873	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	268328	19.853	ng/ul	93
50) Acenaphthylene	14.222	152	2060446	19.800	ng/ul	100
51) 3-Nitroaniline	14.404	138	262797	19.569	ng/ul	93
52) Acenaphthene	14.563	153	1340058	19.712	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	75596	16.032	ng/ul	92
55) 4-Nitrophenol	14.704	109	140689	16.789	ng/ul	95
56) Dibenzofuran	14.898	168	1800600	19.374	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	336396	18.418	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.122	232	317915	19.168	ng/ul	99
59) Diethylphthalate	15.334	149	1371032	17.025	ng/ul	99
61) Fluorene	15.551	166	1413221	18.646	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.551	204	737564	19.164	ng/ul	98
63) 4-Nitroaniline	15.563	138	233463	18.421	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.622	198	143833	19.272	ng/ul#	98
67) N-Nitrosodiphenylamine	15.763	169	1143128	21.325	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	395025	19.792	ng/ul	99
69) Hexachlorobenzene	16.551	284	469940	21.062	ng/ul	94
70) Atrazine	16.716	200	313506	19.157	ng/ul	99
71) Pentachlorophenol	16.892	266	225432	19.663	ng/ul	99
72) Phenanthrene	17.292	178	1913426	19.900	ng/ul	100
74) Anthracene	17.386	178	1934330	19.930	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	706340	25.995	ng/uL	98
76) Pentachlorobenzene	14.816	250	642338	24.336	ng/uL	99
77) Carbazole	17.651	167	1558738	19.824	ng/ul	99
78) Di-n-butylphthalate	18.222	149	1814184	16.587	ng/ul	100
80) Fluoranthene	19.263	202	1885773	16.826	ng/ul	100
82) Pyrene	19.616	202	1932919	17.127	ng/ul	100
83) Butylbenzylphthalate	20.510	149	606782	14.528	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	554564	19.451	ng/ul	98
85) Benzo(a)anthracene	21.339	228	1862474	19.387	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	952746	15.204	ng/ul	100
87) Chrysene	21.392	228	1745630	19.968	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	1532291	14.422	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	1956167	18.662	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	1973510	18.913	ng/ul	100
93) Benzo(a)pyrene	23.674	252	1908765	19.801	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.345	276	2430129	21.802	ng/ul	99
95) Dibenzo(a,h)anthracene	26.380	278	2015982	22.093	ng/ul	99
96) Benzo(g,h,i)perylene	27.127	276	1979311	21.926	ng/ul	98

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

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