Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015795.D
Acq On : 29 Jun 2023 00:35
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020773

Quant Time: Jun 29 03:21:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	324128	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1267419	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	641700	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1119893	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	980170	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	1223231	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	76182	8.456	ng/uL	0.00
4) Pyridine-d5	3.828	84	496079	21.844	ng/ul	0.00
7) Phenol-d5	7.228	99	591545	21.330	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	384079	22.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	446598	21.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	436679	19.932	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	212564	21.945	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	235617	20.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	401976	19.954	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	507478	19.610	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	999532	20.152	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	1187404	21.297	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	96706	14.775	ng/ul	0.00
60) Fluorene-d10	15.698	176	793758	19.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	113382	16.463	ng/ul	0.00
73) Anthracene-d10	17.563	188	1079444	21.102	ng/ul	0.00
81) Pyrene-d10	19.792	212	1119266	17.488	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1249297	20.246	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	80991	8.354	ng/uL	99
5) Pyridine	3.846	79	522499	21.993	ng/ul	95
6) Benzaldehyde	7.199	77	255721	22.807	ng/ul	97
8) Phenol	7.252	94	618947	21.507	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.475	93	513217	22.413	ng/ul	99
12) 2-Chlorophenol	7.617	128	475579	21.383	ng/ul	98
13) 2-Methylphenol	8.516	108	453438	20.868	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	742207	23.732	ng/ul	98
16) Acetophenone	8.899	105	715741	19.874	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.875	70	396055	19.800	ng/ul	97
18) 4-Methylphenol	8.852	108	482766	20.679	ng/ul	96
19) Hexachloroethane	9.134	117	208425	20.290	ng/ul	88
22) Nitrobenzene	9.281	77	580467	21.340	ng/ul	94
23) Isophorone	9.811	82	1059695	20.358	ng/ul	98
25) 2-Nitrophenol	9.999	139	252632	21.057	ng/ul#	90
26) 2,4-Dimethylphenol	10.058	107	523553	19.851	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.287	93	656118	22.329	ng/ul	99
29) 2,4-Dichlorophenol	10.546	162	408929	20.418	ng/ul	100
30) Naphthalene	10.934	128	1457722	21.157	ng/ul	100
32) 4-Chloroaniline	11.063	127	531075	19.752	ng/ul	97
33) Hexachlorobutadiene	11.199	225	271682	17.963	ng/ul	99
34) Caprolactam	11.857	113	113309	18.496	ng/ul	93
35) 4-Chloro-3-methylphenol	12.187	107	421828	17.993	ng/ul	94
36) 2-Methylnaphthalene	12.540	142	894586	19.723	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	897307	19.393	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	456821	21.603	ng/ul	97
40) Hexachlorocyclopentadiene	12.863	237	91776	14.507	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	282676	21.152	ng/ul	97
42) 2,4,5-Trichlorophenol	13.240	196	295324	20.834	ng/ul	98
43) 1,1'-Biphenyl	13.540	154	1149179	22.610	ng/ul	97
44) 2-Chloronaphthalene	13.587	162	900363	22.487	ng/ul	97
45) 2-Nitroaniline	13.810	65	259120	20.567	ng/ul	92
47) Dimethylphthalate	14.157	163	1043008	20.320	ng/ul	99
48) 2,6-Dinitrotoluene	14.299	165	200137	19.222	ng/ul	98
50) Acenaphthylene	14.428	152	1329922	21.648	ng/ul	99
51) 3-Nitroaniline	14.646	138	169111	20.712	ng/ul	94
52) Acenaphthene	14.769	153	908106	21.316	ng/ul	97
53) 2,4-Dinitrophenol	14.875	184	64269	11.634	ng/ul	86
55) 4-Nitrophenol	14.969	109	73849	10.888	ng/ul#	78
56) Dibenzofuran	15.104	168	1202636	20.336	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	258888	18.246	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.346	232	218743	17.966	ng/ul	97
59) Diethylphthalate	15.516	149	1004805	19.344	ng/ul	99
61) Fluorene	15.757	166	947330	19.749	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.740	204	462916	18.860	ng/ul	97
63) 4-Nitroaniline	15.816	138	105789	18.931	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.875	198	120989	17.363	ng/ul#	96
67) N-Nitrosodiphenylamine	15.963	169	773761	23.080	ng/ul	97
68) 4-Bromophenyl-phenylether	16.640	248	266800	20.863	ng/ul	93
69) Hexachlorobenzene	16.769	284	296138	19.625	ng/ul	98
70) Atrazine	16.916	200	256323	19.973	ng/ul	96
71) Pentachlorophenol	17.128	266	134099	18.516	ng/ul	96
72) Phenanthrene	17.510	178	1296027	21.303	ng/ul	99
74) Anthracene	17.604	178	1303408	21.321	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	458572	25.165	ng/uL	99
76) Pentachlorobenzene	15.028	250	409478	22.264	ng/uL	99
77) Carbazole	17.881	167	1121849	21.773	ng/ul	99
78) Di-n-butylphthalate	18.392	149	1503868	22.016	ng/ul	99
80) Fluoranthene	19.469	202	1392653	17.508	ng/ul#	93
82) Pyrene	19.822	202	1452165	17.897	ng/ul#	90
83) Butylbenzylphthalate	20.669	149	646536	19.531	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.469	252	465085	20.990	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1446086	20.973	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	947445	20.826	ng/ul	99
87) Chrysene	21.592	228	1381707	21.121	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	1681159	18.806	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	1594925	20.292	ng/ul#	98
91) Benzo(k)fluoranthene	23.363	252	1539232	19.383	ng/ul#	97
93) Benzo(a)pyrene	23.986	252	1407270	20.491	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	1917258	20.564	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.804	278	1584058	20.685	ng/ul#	94
96) Benzo(g,h,i)perylene	27.633	276	1568578	20.451	ng/ul#	95

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

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