Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015378.D
Acq On : 01 Jun 2023 02:40
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020735

Quant Time: Jun 01 03:15:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 31 14:24:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	203767	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	918155	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.746	164	609909	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	1388477	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	1318118	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1431622	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	38817	7.401	ng/uL	0.00
4) Pyridine-d5	3.852	84	262139	17.634	ng/ul	0.00
7) Phenol-d5	7.258	99	334967	17.705	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	200581	18.357	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	248698	17.878	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	272671	18.087	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	137276	19.027	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	155452	19.364	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	282235	19.483	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	394560	18.409	ng/ul	0.00
46) Dimethylphthalate-d6	14.146	166	873392	18.950	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	985348	18.693	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	160134	17.893	ng/ul	0.00
60) Fluorene-d10	15.740	176	736293	18.933	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	160862	18.384	ng/ul	0.00
73) Anthracene-d10	17.598	188	1164060	18.309	ng/ul	0.00
81) Pyrene-d10	19.822	212	1353304	17.702	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1260651	17.739	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	40554	7.196	ng/uL#	93
5) Pyridine	3.876	79	267275	17.287	ng/ul	91
6) Benzaldehyde	7.234	77	125852	24.202	ng/ul	98
8) Phenol	7.281	94	346858	17.879	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.516	93	277750	17.895	ng/ul	97
12) 2-Chlorophenol	7.664	128	263221	17.890	ng/ul	96
13) 2-Methylphenol	8.552	108	268929	17.936	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	366740	18.859	ng/ul	99
16) Acetophenone	8.940	105	452313	19.224	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.916	70	234931	19.038	ng/ul	95
18) 4-Methylphenol	8.881	108	295960	17.933	ng/ul	98
19) Hexachloroethane	9.193	117	113537	18.898	ng/ul	89
22) Nitrobenzene	9.322	77	354731	19.907	ng/ul	95
23) Isophorone	9.852	82	686921	18.755	ng/ul	98
25) 2-Nitrophenol	10.040	139	169506	19.255	ng/ul#	87
26) 2,4-Dimethylphenol	10.093	107	344585	19.616	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.334	93	404337	18.144	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	281887	19.265	ng/ul	99
30) Naphthalene	10.981	128	915653	18.344	ng/ul	99
32) 4-Chloroaniline	11.093	127	406579	18.457	ng/ul	98
33) Hexachlorobutadiene	11.257	225	185983	21.089	ng/ul	97
34) Caprolactam	11.875	113	99944	18.117	ng/ul	91
35) 4-Chloro-3-methylphenol	12.210	107	329265	19.929	ng/ul	96
36) 2-Methylnaphthalene	12.581	142	629530	18.717	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.799	142	633521	18.757	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.946	216	355643	19.497	ng/ul	98
40) Hexachlorocyclopentadiene	12.916	237	192532	16.291	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	243009	18.866	ng/ul	96
42) 2,4,5-Trichlorophenol	13.257	196	267177	19.131	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	867879	18.340	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	680723	18.420	ng/ul	98
45) 2-Nitroaniline	13.834	65	226414	21.413	ng/ul	89
47) Dimethylphthalate	14.198	163	907203	18.901	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	195085	20.515	ng/ul	97
50) Acenaphthylene	14.469	152	1076687	18.307	ng/ul	100
51) 3-Nitroaniline	14.651	138	154712	18.068	ng/ul	95
52) Acenaphthene	14.810	153	734785	18.292	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	112147	17.762	ng/ul#	84
55) 4-Nitrophenol	14.957	109	153434	23.310	ng/ul#	78
56) Dibenzofuran	15.145	168	1036655	18.554	ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	273841	19.901	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.369	232	237564	20.155	ng/ul#	99
59) Diethylphthalate	15.551	149	919846	19.215	ng/ul	100
61) Fluorene	15.793	166	844951	18.818	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	429011	19.555	ng/ul	95
63) 4-Nitroaniline	15.816	138	135371	18.308	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.875	198	168156	18.620	ng/ul	97
67) N-Nitrosodiphenylamine	15.998	169	728319	17.839	ng/ul	99
68) 4-Bromophenyl-phenylether	16.681	248	276613	19.342	ng/ul	97
69) Hexachlorobenzene	16.798	284	326894	19.342	ng/ul	98
70) Atrazine	16.951	200	294032	19.485	ng/ul	98
71) Pentachlorophenol	17.145	266	197065	18.641	ng/ul	98
72) Phenanthrene	17.545	178	1370116	18.121	ng/ul	99
74) Anthracene	17.634	178	1384951	18.114	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	365883	18.586	ng/uL	99
76) Pentachlorobenzene	15.063	250	376519	19.048	ng/uL	98
77) Carbazole	17.904	167	1261460	18.816	ng/ul	100
78) Di-n-butylphthalate	18.434	149	1609452	18.642	ng/ul	99
80) Fluoranthene	19.498	202	1665820	17.878	ng/ul	95
82) Pyrene	19.851	202	1716285	17.837	ng/ul	95
83) Butylbenzylphthalate	20.704	149	771230	18.079	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	578298	19.976	ng/ul	98
85) Benzo(a)anthracene	21.563	228	1692314	18.568	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1130899	18.415	ng/ul	99
87) Chrysene	21.622	228	1587126	18.217	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	1953850	19.927	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1666239	18.359	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1629748	18.701	ng/ul	98
93) Benzo(a)pyrene	24.016	252	1393664	17.373	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	1671970	16.097	ng/ul	96
95) Dibenzo(a,h)anthracene	26.851	278	1393126	16.339	ng/ul	98
96) Benzo(g,h,i)perylene	27.668	276	1342455	15.849	ng/ul	96

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

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