Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015193.D
Acq On : 20 May 2023 03:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020722

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Quant Time: May 20 03:53:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	240638	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	1038208	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	670243	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1467733	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1025765	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1078862	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	48823	7.883	ng/uL	0.00
4) Pyridine-d5	3.870	84	343988	19.594	ng/ul	0.00
7) Phenol-d5	7.275	99	448520	20.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	263288	20.404	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	347209	21.136	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	369653	20.763	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	181716	22.274	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	208373	22.955	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	378038	23.079	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	511457	21.104	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1126918	22.250	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1269888	21.923	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	190754	19.396	ng/ul	0.00
60) Fluorene-d10	15.751	176	953101	22.302	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	168777	18.247	ng/ul	0.00
73) Anthracene-d10	17.616	188	1443148	21.473	ng/ul	0.00
81) Pyrene-d10	19.833	212	1489096	25.030	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1142315	21.329	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	53510	8.040	ng/uL	97
5) Pyridine	3.893	79	362819	19.871	ng/ul	98
6) Benzaldehyde	7.252	77	127521	20.765	ng/ul	98
8) Phenol	7.305	94	461075	20.125	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.540	93	374385	20.425	ng/ul	99
12) 2-Chlorophenol	7.681	128	361848	20.825	ng/ul	98
13) 2-Methylphenol	8.569	108	360381	20.352	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.658	45	466175m	20.299	ng/ul	
16) Acetophenone	8.957	105	584752	21.044	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.946	70	297314	20.402	ng/ul	97
18) 4-Methylphenol	8.905	108	394115	20.222	ng/ul	99
19) Hexachloroethane	9.216	117	152032	21.428	ng/ul	87
22) Nitrobenzene	9.346	77	449874	22.327	ng/ul	97
23) Isophorone	9.875	82	877860	21.196	ng/ul	99
25) 2-Nitrophenol	10.063	139	222576	22.360	ng/ul	94
26) 2,4-Dimethylphenol	10.116	107	449821	22.645	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.352	93	534834	21.225	ng/ul	99
29) 2,4-Dichlorophenol	10.599	162	381566	23.062	ng/ul	99
30) Naphthalene	11.004	128	1202554	21.305	ng/ul	100
32) 4-Chloroaniline	11.116	127	535875	21.513	ng/ul	100
33) Hexachlorobutadiene	11.287	225	253013	25.372	ng/ul	97
34) Caprolactam	11.893	113	124765m	20.001	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	424339	22.713	ng/ul	98
36) 2-Methylnaphthalene	12.604	142	827279	21.753	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	831553	21.773	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	481961	24.043	ng/ul	98
40) Hexachlorocyclopentadiene	12.940	237	224975	17.322	ng/ul	99
41) 2,4,6-Trichlorophenol	13.204	196	326191	23.045	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	356445	23.225	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1144004	21.999	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	896765	22.082	ng/ul	100
45) 2-Nitroaniline	13.845	65	268134	23.075	ng/ul	93
47) Dimethylphthalate	14.216	163	1161248	22.016	ng/ul	99
48) 2,6-Dinitrotoluene	14.340	165	245775	23.519	ng/ul	98
50) Acenaphthylene	14.487	152	1386132	21.446	ng/ul	99
51) 3-Nitroaniline	14.669	138	188961	20.082	ng/ul	98
52) Acenaphthene	14.828	153	945321	21.415	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	122076	17.595	ng/ul	94
55) 4-Nitrophenol	14.969	109	165943	22.941	ng/ul	83
56) Dibenzofuran	15.157	168	1346767	21.935	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	343841	22.739	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.387	232	304480	23.507	ng/ul	96
59) Diethylphthalate	15.569	149	1172858	22.294	ng/ul	99
61) Fluorene	15.810	166	1069637	21.678	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.798	204	552723	22.926	ng/ul	98
63) 4-Nitroaniline	15.828	138	146972	18.087	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.887	198	178481	18.696	ng/ul	100
67) N-Nitrosodiphenylamine	16.010	169	935516	21.677	ng/ul	100
68) 4-Bromophenyl-phenylether	16.692	248	365716	24.191	ng/ul	99
69) Hexachlorobenzene	16.816	284	424798	23.778	ng/ul	97
70) Atrazine	16.963	200	364641	22.859	ng/ul	100
71) Pentachlorophenol	17.163	266	235222	21.049	ng/ul	99
72) Phenanthrene	17.557	178	1697002	21.233	ng/ul	99
74) Anthracene	17.651	178	1716780	21.242	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	490930	23.591	ng/uL	99
76) Pentachlorobenzene	15.081	250	498934	23.878	ng/uL	98
77) Carbazole	17.916	167	1484897	20.953	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2001882	21.935	ng/ul	99
80) Fluoranthene	19.510	202	1879540	25.921	ng/ul	97
82) Pyrene	19.863	202	1863039	24.880	ng/ul	95
83) Butylbenzylphthalate	20.716	149	842772	25.387	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.498	252	459076	20.378	ng/ul	98
85) Benzo(a)anthracene	21.574	228	1564111	22.053	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1224505	25.621	ng/ul	99
87) Chrysene	21.627	228	1455496	21.467	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	1838415	24.881	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	1506351	22.024	ng/ul	98
91) Benzo(k)fluoranthene	23.410	252	1412487	21.508	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1271532	21.033	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.857	276	1715939	21.922	ng/ul	96
95) Dibenzo(a,h)anthracene	26.874	278	1407732	21.908	ng/ul	97
96) Benzo(g,h,i)perylene	27.698	276	1427132	22.358	ng/ul	96

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

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