Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015204.D
Acq On : 20 May 2023 09:47
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020723

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

Quant Time: May 22 00:37:50 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	252669	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	1100768	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	708916	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1541305	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1072071	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1121310	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	51221	7.876	ng/uL	0.00
4) Pyridine-d5	3.869	84	357010	19.368	ng/ul	0.00
7) Phenol-d5	7.275	99	448443	19.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	266201	19.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	349635	20.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	390592	20.894	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	190810	22.060	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	219937	22.852	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	400540	23.063	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	549909	21.401	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1185406	22.128	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1331034	21.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	197280	18.965	ng/ul	0.00
60) Fluorene-d10	15.751	176	1005496	22.244	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	177704	18.295	ng/ul	0.00
73) Anthracene-d10	17.616	188	1515024	21.466	ng/ul	0.00
81) Pyrene-d10	19.833	212	1570349	25.256	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1196089	21.488	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	55852	7.993	ng/uL	99
5) Pyridine	3.887	79	364395	19.007	ng/ul	96
6) Benzaldehyde	7.252	77	123404	19.138	ng/ul	97
8) Phenol	7.299	94	462277	19.217	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.540	93	373599	19.411	ng/ul	99
12) 2-Chlorophenol	7.681	128	369822	20.270	ng/ul	98
13) 2-Methylphenol	8.569	108	380686	20.475	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.651	45	492132	20.409	ng/ul	100
16) Acetophenone	8.957	105	617670	21.171	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.940	70	316439	20.680	ng/ul	95
18) 4-Methylphenol	8.899	108	419922	20.520	ng/ul	99
19) Hexachloroethane	9.216	117	159429	21.401	ng/ul	88
22) Nitrobenzene	9.340	77	475211	22.245	ng/ul	99
23) Isophorone	9.869	82	927960	21.133	ng/ul	98
25) 2-Nitrophenol	10.057	139	235441	22.308	ng/ul	94
26) 2,4-Dimethylphenol	10.110	107	472499	22.435	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.351	93	569100	21.301	ng/ul	98
29) 2,4-Dichlorophenol	10.593	162	399867	22.794	ng/ul	98
30) Naphthalene	11.004	128	1271871	21.253	ng/ul	100
32) 4-Chloroaniline	11.116	127	563911	21.352	ng/ul	100
33) Hexachlorobutadiene	11.281	225	265014	25.065	ng/ul	98
34) Caprolactam	11.892	113	132309m	20.005	ng/ul	
35) 4-Chloro-3-methylphenol	12.222	107	444463	22.438	ng/ul	99
36) 2-Methylnaphthalene	12.598	142	875038	21.701	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	879977	21.732	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	503375	23.742	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	221490	16.123	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	343595	22.950	ng/ul	97
42) 2,4,5-Trichlorophenol	13.275	196	375949	23.160	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1215411	22.097	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	954996	22.233	ng/ul	99
45) 2-Nitroaniline	13.845	65	285489	23.229	ng/ul	93
47) Dimethylphthalate	14.210	163	1219802	21.864	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	257186	23.269	ng/ul	96
50) Acenaphthylene	14.486	152	1463810	21.413	ng/ul	99
51) 3-Nitroaniline	14.669	138	196155	19.709	ng/ul	99
52) Acenaphthene	14.828	153	1003515	21.493	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	124844	17.012	ng/ul	92
55) 4-Nitrophenol	14.969	109	171234	22.381	ng/ul	87
56) Dibenzofuran	15.157	168	1418553	21.843	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	359654	22.487	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.381	232	318291	23.233	ng/ul	98
59) Diethylphthalate	15.569	149	1243417	22.346	ng/ul	100
61) Fluorene	15.810	166	1135193	21.751	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	580450	22.763	ng/ul	98
63) 4-Nitroaniline	15.828	138	155842	18.133	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.886	198	182108	18.166	ng/ul	98
67) N-Nitrosodiphenylamine	16.010	169	982267	21.674	ng/ul	100
68) 4-Bromophenyl-phenylether	16.692	248	381877	24.054	ng/ul	99
69) Hexachlorobenzene	16.816	284	448569	23.910	ng/ul	98
70) Atrazine	16.963	200	380480	22.713	ng/ul	99
71) Pentachlorophenol	17.157	266	243388	20.740	ng/ul	99
72) Phenanthrene	17.557	178	1774348	21.141	ng/ul	100
74) Anthracene	17.651	178	1796189	21.164	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	515127	23.572	ng/uL	98
76) Pentachlorobenzene	15.081	250	528289	24.076	ng/uL	99
77) Carbazole	17.916	167	1559314	20.952	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2120781	22.129	ng/ul	100
80) Fluoranthene	19.504	202	1972293	26.025	ng/ul	98
82) Pyrene	19.863	202	1960585	25.052	ng/ul	96
83) Butylbenzylphthalate	20.716	149	877654	25.296	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	467426	19.852	ng/ul	98
85) Benzo(a)anthracene	21.574	228	1638386	22.102	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	1288194	25.790	ng/ul	100
87) Chrysene	21.627	228	1522406	21.484	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	1952587	25.426	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	1511395	21.262	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	1504075	22.035	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1329183	21.155	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.851	276	1773506	21.800	ng/ul	97
95) Dibenzo(a,h)anthracene	26.868	278	1456693	21.812	ng/ul	97
96) Benzo(g,h,i)perylene	27.686	276	1475004	22.234	ng/ul	97

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

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