Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032923\
Data File : BP014383.D
Acq On : 30 Mar 2023 03:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020796

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/30/2023
Supervised By :Jagrut Upadhyay 03/30/2023

Quant Time: Mar 30 04:22:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 00:56:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	183031	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	781324	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	527394	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	1136132	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	1111104	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	1014555	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	39088	8.282	ng/uL	0.00
4) Pyridine-d5	3.822	84	265353	21.939	ng/ul	0.00
7) Phenol-d5	7.175	99	359658	21.307	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	233616	21.571	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	267013	21.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	296936	21.808	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	139389	22.099	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	163219	22.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	293301	22.298	ng/ul	0.00
31) 4-Chloroaniline-d4	10.987	131	375769	21.688	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	913211	21.356	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1014133	21.373	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	144544	22.375	ng/ul	0.00
60) Fluorene-d10	15.669	176	757608	21.245	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	174968	20.930	ng/ul	0.00
73) Anthracene-d10	17.533	188	1173800	21.348	ng/ul	0.00
81) Pyrene-d10	19.763	212	1421794	19.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1135612	21.068	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	42213	8.139	ng/uL	98
5) Pyridine	3.840	79	273259	21.589	ng/ul	95
6) Benzaldehyde	7.157	77	218198	26.006	ng/ul	95
8) Phenol	7.205	94	374007	21.359	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	299183	21.261	ng/ul	99
12) 2-Chlorophenol	7.581	128	270639	21.313	ng/ul	95
13) 2-Methylphenol	8.469	108	278596	21.334	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	402323	21.776	ng/ul	99
16) Acetophenone	8.852	105	486814	21.652	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	269209	22.163	ng/ul	98
18) 4-Methylphenol	8.799	108	311633	21.729	ng/ul	97
19) Hexachloroethane	9.104	117	123816	22.316	ng/ul	97
22) Nitrobenzene	9.240	77	390748	21.564	ng/ul	99
23) Isophorone	9.763	82	739451	22.138	ng/ul	100
25) 2-Nitrophenol	9.951	139	170357	22.347	ng/ul	97
26) 2,4-Dimethylphenol	10.010	107	372858	21.852	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.246	93	436584	21.801	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	289053	22.330	ng/ul	97
30) Naphthalene	10.893	128	913536	20.991	ng/ul	99
32) 4-Chloroaniline	11.010	127	386027	21.997	ng/ul	97
33) Hexachlorobutadiene	11.169	225	207865	20.269	ng/ul	98
34) Caprolactam	11.804	113	90111	23.563	ng/ul	93
35) 4-Chloro-3-methylphenol	12.134	107	343053	21.546	ng/ul	99
36) 2-Methylnaphthalene	12.498	142	629560	21.345	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	627456	21.451	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.863	216	369616	19.657	ng/ul	98
40) Hexachlorocyclopentadiene	12.834	237	223490	18.353	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	248319	21.341	ng/ul	98
42) 2,4,5-Trichlorophenol	13.187	196	263092	21.239	ng/ul	99
43) 1,1'-Biphenyl	13.504	154	879358	20.638	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	699363	20.759	ng/ul	97
45) 2-Nitroaniline	13.763	65	235834	22.604	ng/ul	98
47) Dimethylphthalate	14.128	163	908641	21.252	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	184902	22.135	ng/ul	98
50) Acenaphthylene	14.398	152	1073988	21.253	ng/ul	99
51) 3-Nitroaniline	14.592	138	175854	23.499	ng/ul	99
52) Acenaphthene	14.739	153	748161	20.952	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	105625	19.526	ng/ul	93
55) 4-Nitrophenol	14.898	109	143694	22.538	ng/ul	96
56) Dibenzofuran	15.075	168	1055870	21.034	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	277103	23.386	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.304	232	242514	21.782	ng/ul	97
59) Diethylphthalate	15.486	149	915689	21.552	ng/ul	99
61) Fluorene	15.722	166	868709	21.351	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.716	204	460106	21.048	ng/ul	98
63) 4-Nitroaniline	15.757	138	160568m	26.407	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.810	198	168882	20.846	ng/ul	96
67) N-Nitrosodiphenylamine	15.934	169	742371	21.001	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	285523	20.196	ng/ul	96
69) Hexachlorobenzene	16.733	284	335021	20.631	ng/ul	98
70) Atrazine	16.886	200	287674	22.356	ng/ul	98
71) Pentachlorophenol	17.081	266	186477	19.822	ng/ul	99
72) Phenanthrene	17.480	178	1339189	21.187	ng/ul	100
74) Anthracene	17.569	178	1372596	21.546	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	396218	19.812	ng/uL	98
76) Pentachlorobenzene	14.986	250	395971	19.843	ng/uL	99
77) Carbazole	17.839	167	1236521	23.194	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1578309	23.545	ng/ul	100
80) Fluoranthene	19.433	202	1666208	18.882	ng/ul	99
82) Pyrene	19.792	202	1724232	18.716	ng/ul	99
83) Butylbenzylphthalate	20.645	149	717085	22.597	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	548413	22.317	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1662293	21.112	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1006752	23.200	ng/ul	99
87) Chrysene	21.563	228	1565742	21.061	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1595653	24.236	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1483776	21.654	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	1430671	21.498	ng/ul	99
93) Benzo(a)pyrene	23.933	252	1244848	21.106	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	1464226	18.045	ng/ul	100
95) Dibenzo(a,h)anthracene	26.704	278	1225549	18.039	ng/ul	99
96) Benzo(g,h,i)perylene	27.503	276	1166597	17.638	ng/ul	99

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

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