Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017753.D
Acq On : 23 Oct 2023 17:11
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 05:16:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020790

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	129219	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	506434	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	330731	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	732120	20.000	ng/ul	0.01
79) Chrysene-d12	21.527	240	714156	20.000	ng/ul	0.01
88) Perylene-d12	24.092	264	744956	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	28545	8.218	ng/uL	0.00
4) Pyridine-d5	3.693	84	187062	20.569	ng/ul	0.00
7) Phenol-d5	7.052	99	207256	19.274	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	137875	20.762	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	180831	20.619	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	165739	19.627	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	81792	19.931	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	92438	20.387	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	181600	20.418	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	226676	19.474	ng/ul	0.01
46) Dimethylphthalate-d6	14.010	166	548024	19.739	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	624389	20.166	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	66136	16.718	ng/ul	0.01
60) Fluorene-d10	15.598	176	491293	20.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	87833	18.214	ng/ul	0.01
73) Anthracene-d10	17.486	188	768195	20.533	ng/ul	0.01
81) Pyrene-d10	19.745	212	918875	20.523	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.921	264	851420	20.520	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	31570	8.569	ng/uL	97
5) Pyridine	3.711	79	192713	20.683	ng/ul	95
6) Benzaldehyde	7.057	77	130101	22.491	ng/ul	98
8) Phenol	7.081	94	211668	19.964	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.334	93	178934	20.229	ng/ul	96
12) 2-Chlorophenol	7.446	128	183372	20.817	ng/ul	99
13) 2-Methylphenol	8.346	108	157019	19.624	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.410	45	227789m	20.922	ng/ul	
16) Acetophenone	8.752	105	270985	20.412	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	132653	21.066	ng/ul	98
18) 4-Methylphenol	8.681	108	168609	19.843	ng/ul	97
19) Hexachloroethane	8.951	117	82314	20.338	ng/ul	94
22) Nitrobenzene	9.146	77	216226	21.162	ng/ul	98
23) Isophorone	9.657	82	368312	20.157	ng/ul	100
25) 2-Nitrophenol	9.851	139	99504	20.559	ng/ul	97
26) 2,4-Dimethylphenol	9.893	107	194333	20.458	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.151	93	230390	20.387	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	175490	20.634	ng/ul	97
30) Naphthalene	10.775	128	593677	20.370	ng/ul	99
32) 4-Chloroaniline	10.928	127	217466	19.510	ng/ul	95
33) Hexachlorobutadiene	10.998	225	136894	19.823	ng/ul	99
34) Caprolactam	11.763	113	36521	16.676	ng/ul	86
35) 4-Chloro-3-methylphenol	12.040	107	163978	20.479	ng/ul	98
36) 2-Methylnaphthalene	12.398	142	398151	20.224	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	405211	20.126	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.751	216	239851	19.599	ng/ul	98
40) Hexachlorocyclopentadiene	12.692	237	117197	16.668	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	144771	19.711	ng/ul	95
42) 2,4,5-Trichlorophenol	13.087	196	154650	20.366	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	548623	20.135	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	440084	19.980	ng/ul	99
45) 2-Nitroaniline	13.716	65	100240	20.027	ng/ul	98
47) Dimethylphthalate	14.057	163	543192	19.851	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	99877	19.831	ng/ul	98
50) Acenaphthylene	14.316	152	705444	20.340	ng/ul	99
51) 3-Nitroaniline	14.557	138	88528	18.481	ng/ul	92
52) Acenaphthene	14.657	153	472353	20.146	ng/ul	98
53) 2,4-Dinitrophenol	14.769	184	41092	14.534	ng/ul	98
55) 4-Nitrophenol	14.851	109	75220m	17.962	ng/ul	
56) Dibenzofuran	14.998	168	680561	20.674	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	152484	20.514	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.222	232	135364	20.088	ng/ul	94
59) Diethylphthalate	15.422	149	534850	20.245	ng/ul	99
61) Fluorene	15.657	166	556503	20.581	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	294302	20.477	ng/ul	98
63) 4-Nitroaniline	15.733	138	80772	18.695	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	95589	18.506	ng/ul	95
67) N-Nitrosodiphenylamine	15.881	169	457837	20.642	ng/ul	98
68) 4-Bromophenyl-phenylether	16.557	248	169779	19.820	ng/ul	94
69) Hexachlorobenzene	16.639	284	196795	20.011	ng/ul	98
70) Atrazine	16.845	200	152487	18.706	ng/ul	100
71) Pentachlorophenol	17.010	266	106004	17.929	ng/ul	99
72) Phenanthrene	17.428	178	886027	20.659	ng/ul	99
74) Anthracene	17.522	178	887216	20.425	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	240155	19.550	ng/uL	98
76) Pentachlorobenzene	14.886	250	237000	19.907	ng/uL	97
77) Carbazole	17.816	167	741297	20.192	ng/ul	100
78) Di-n-butylphthalate	18.327	149	860857	20.198	ng/ul	100
80) Fluoranthene	19.416	202	1041280	20.242	ng/ul	99
82) Pyrene	19.774	202	1110312	20.372	ng/ul	99
83) Butylbenzylphthalate	20.645	149	357655	19.080	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	293834	18.211	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1103275	20.321	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	491492	18.783	ng/ul	100
87) Chrysene	21.568	228	1040216	20.261	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	844666	17.900	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1031704	20.349	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	1084564	21.107	ng/ul	99
93) Benzo(a)pyrene	23.974	252	1000009	21.010	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.809	276	1170483	20.634	ng/ul	99
95) Dibenzo(a,h)anthracene	26.839	278	971398	20.523	ng/ul	100
96) Benzo(g,h,i)perylene	27.656	276	933758	20.430	ng/ul	98

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

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