Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014886.D
Acq On : 28 Apr 2023 22:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 29 03:50:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 00:40:33 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020690

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	212565	20.000	ng/ul	0.00
20) Naphthalene-d8	11.010	136	840407	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	490008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.575	188	989785	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	918557	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1014835	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	50349	8.536	ng/uL	0.00
4) Pyridine-d5	3.905	84	284316	20.053	ng/ul	0.00
7) Phenol-d5	7.316	99	340083	20.442	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	219911	21.075	ng/ul	0.00
11) 2-Chlorophenol-d4	7.699	132	280345	22.255	ng/ul	0.00
15) 4-Methylphenol-d8	8.881	113	266266	21.004	ng/ul	0.00
21) Nitrobenzene-d5	9.352	128	130866	21.688	ng/ul	0.00
24) 2-Nitrophenol-d4	10.081	143	133844	24.163	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	266415	22.394	ng/ul	0.00
31) 4-Chloroaniline-d4	11.146	131	344271	20.015	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	754326	21.481	ng/ul	0.00
49) Acenaphthylene-d8	14.516	160	912727	21.759	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	104245	19.950	ng/ul	0.00
60) Fluorene-d10	15.810	176	655442	21.412	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	95626	22.841	ng/ul	0.00
73) Anthracene-d10	17.675	188	1006326	22.262	ng/ul	0.00
81) Pyrene-d10	19.892	212	1117798	21.910	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	1093405	21.814	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	53803	8.567	ng/uL	97
5) Pyridine	3.928	79	295222	19.855	ng/ul	97
6) Benzaldehyde	7.299	77	88789	18.834	ng/ul	98
8) Phenol	7.340	94	359158	20.816	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.587	93	318224	21.523	ng/ul	97
12) 2-Chlorophenol	7.728	128	299886	22.186	ng/ul	97
13) 2-Methylphenol	8.616	108	269909	20.193	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.710	45	404201	21.638	ng/ul	99
16) Acetophenone	9.005	105	455946	22.143	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.987	70	222757	22.788	ng/ul	98
18) 4-Methylphenol	8.946	108	294914	20.907	ng/ul	99
19) Hexachloroethane	9.275	117	136716	21.470	ng/ul	98
22) Nitrobenzene	9.393	77	328474	21.458	ng/ul	99
23) Isophorone	9.922	82	635303	23.039	ng/ul	99
25) 2-Nitrophenol	10.110	139	149950	24.096	ng/ul	92
26) 2,4-Dimethylphenol	10.163	107	324272	21.841	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.404	93	419047	22.036	ng/ul	99
29) 2,4-Dichlorophenol	10.646	162	265671	22.361	ng/ul	99
30) Naphthalene	11.063	128	1000351	21.647	ng/ul	100
32) 4-Chloroaniline	11.169	127	364273	20.298	ng/ul	99
33) Hexachlorobutadiene	11.346	225	194084	21.266	ng/ul	99
34) Caprolactam	11.957	113	63942m	20.973	ng/ul	
35) 4-Chloro-3-methylphenol	12.275	107	272415	22.348	ng/ul	95
36) 2-Methylnaphthalene	12.657	142	626126	21.472	ng/ul	98

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37) 1-Methylnaphthalene	12.875	142	629216	21.492	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.022	216	347069	21.196	ng/ul	99
40) Hexachlorocyclopentadiene	12.998	237	210183	20.447	ng/ul	99
41) 2,4,6-Trichlorophenol	13.251	196	200814	24.136	ng/ul	96
42) 2,4,5-Trichlorophenol	13.322	196	228228	22.751	ng/ul	99
43) 1,1'-Biphenyl	13.657	154	853107	21.699	ng/ul	99
44) 2-Chloronaphthalene	13.698	162	665516	21.493	ng/ul	99
45) 2-Nitroaniline	13.898	65	151052	22.330	ng/ul	99
47) Dimethylphthalate	14.263	163	789598	21.751	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	144700	22.127	ng/ul	97
50) Acenaphthylene	14.540	152	1025527	21.870	ng/ul	100
51) 3-Nitroaniline	14.722	138	98747	18.625	ng/ul	99
52) Acenaphthene	14.881	153	702607	21.739	ng/ul	100
53) 2,4-Dinitrophenol	14.922	184	48373	19.581	ng/ul	87
55) 4-Nitrophenol	15.010	109	79536	20.128	ng/ul	95
56) Dibenzofuran	15.216	168	970042	21.775	ng/ul	98
57) 2,4-Dinitrotoluene	15.169	165	200651	22.258	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.439	232	186831	24.403	ng/ul	98
59) Diethylphthalate	15.628	149	774915	21.889	ng/ul	100
61) Fluorene	15.869	166	792413	22.249	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.857	204	392753	21.820	ng/ul	98
63) 4-Nitroaniline	15.881	138	79669m	18.819	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.934	198	105627	24.355	ng/ul	99
67) N-Nitrosodiphenylamine	16.069	169	649175	22.230	ng/ul	99
68) 4-Bromophenyl-phenylether	16.757	248	236329	21.945	ng/ul	97
69) Hexachlorobenzene	16.875	284	274581	21.631	ng/ul	99
70) Atrazine	17.016	200	223287	21.121	ng/ul	100
71) Pentachlorophenol	17.216	266	137999	24.564	ng/ul	97
72) Phenanthrene	17.616	178	1193963	21.934	ng/ul	99
74) Anthracene	17.710	178	1214280	22.268	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	352240	21.606	ng/uL	99
76) Pentachlorobenzene	15.134	250	338897	21.655	ng/uL	99
77) Carbazole	17.969	167	1000375	21.507	ng/ul	100
78) Di-n-butylphthalate	18.504	149	1260286	21.841	ng/ul	100
80) Fluoranthene	19.569	202	1345595	21.798	ng/ul	98
82) Pyrene	19.922	202	1435029	21.874	ng/ul	98
83) Butylbenzylphthalate	20.774	149	537777	21.782	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.563	252	374072	18.763	ng/ul	99
85) Benzo(a)anthracene	21.639	228	1341703	21.777	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	795650	21.259	ng/ul	100
87) Chrysene	21.692	228	1346823	21.964	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	1393372	21.171	ng/ul	100
90) Benzo(b)fluoranthene	23.457	252	1382276	21.889	ng/ul	99
91) Benzo(k)fluoranthene	23.504	252	1432831	21.870	ng/ul	100
93) Benzo(a)pyrene	24.139	252	1246427	21.703	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.021	276	1655501	21.707	ng/ul	99
95) Dibenzo(a,h)anthracene	27.045	278	1373760	21.779	ng/ul	98
96) Benzo(g,h,i)perylene	27.874	276	1358822	21.587	ng/ul	100

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

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