Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014876.D
Acq On : 28 Apr 2023 15:02
Operator : CG/JU
Sample : SSTD08063
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 29 00:29:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 17:04:54 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080601

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	207750	20.000	ng/ul	0.00
20) Naphthalene-d8	11.016	136	806412	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	467728	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	1000379	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	902422	20.000	ng/ul	0.00
88) Perylene-d12	24.274	264	1039370	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	183106	31.763	ng/uL	0.00
4) Pyridine-d5	3.905	84	1142928	82.481	ng/ul	0.00
7) Phenol-d5	7.322	99	1380365	84.893	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.493	67	826984	81.091	ng/ul	0.00
11) 2-Chlorophenol-d4	7.704	132	1082858	87.956	ng/ul	0.00
15) 4-Methylphenol-d8	8.893	113	1055919	85.224	ng/ul	0.01
21) Nitrobenzene-d5	9.357	128	531215	91.746	ng/ul	0.00
24) 2-Nitrophenol-d4	10.087	143	558830	105.139	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.628	165	1034552	90.010	ng/ul	0.00
31) 4-Chloroaniline-d4	11.145	131	1411105	85.498	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	2795478	83.397	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	3296694	82.334	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	507186	101.310	ng/ul	0.01
60) Fluorene-d10	15.816	176	2369051	81.078	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	444054	105.334	ng/ul	0.00
73) Anthracene-d10	17.680	188	3623814	79.318	ng/ul	0.00
81) Pyrene-d10	19.898	212	4099131	81.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.104	264	4272669	83.229	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	194801	31.737	ng/uL	98
5) Pyridine	3.922	79	1191350	81.979	ng/ul	98
6) Benzaldehyde	7.304	77	434556	95.287	ng/ul	99
8) Phenol	7.346	94	1421760	84.310	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.587	93	1183589	81.907	ng/ul	98
12) 2-Chlorophenol	7.734	128	1150195	87.066	ng/ul	98
13) 2-Methylphenol	8.622	108	1092521	83.630	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.710	45	1447373m	79.614	ng/ul	
16) Acetophenone	9.016	105	1647918	81.885	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.004	70	813947	85.195	ng/ul	99
18) 4-Methylphenol	8.957	108	1171797	84.997	ng/ul	100
19) Hexachloroethane	9.275	117	498239	80.057	ng/ul	97
22) Nitrobenzene	9.398	77	1269198	86.408	ng/ul	97
23) Isophorone	9.934	82	2390694	90.353	ng/ul	98
25) 2-Nitrophenol	10.116	139	602897	102.339	ng/ul	99
26) 2,4-Dimethylphenol	10.169	107	1222008	85.778	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.410	93	1534350	84.088	ng/ul	99
29) 2,4-Dichlorophenol	10.651	162	1044552	90.904	ng/ul	99
30) Naphthalene	11.069	128	3540439	79.844	ng/ul	100
32) 4-Chloroaniline	11.175	127	1462413	84.923	ng/ul	99
33) Hexachlorobutadiene	11.351	225	690432	78.839	ng/ul	99
34) Caprolactam	11.951	113	283119m	98.041	ng/ul	
35) 4-Chloro-3-methylphenol	12.281	107	1091682	93.335	ng/ul	98
36) 2-Methylnaphthalene	12.663	142	2287804	81.765	ng/ul	99

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37) 1-Methylnaphthalene	12.881	142	2288542	81.466	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.028	216	1244502	79.623	ng/ul	100
40) Hexachlorocyclopentadiene	13.004	237	844246	86.044	ng/ul	99
41) 2,4,6-Trichlorophenol	13.257	196	799175	100.631	ng/ul	97
42) 2,4,5-Trichlorophenol	13.328	196	905572	98.049	ng/ul	100
43) 1,1'-Biphenyl	13.663	154	2985227	79.546	ng/ul	99
44) 2-Chloronaphthalene	13.704	162	2369251	80.159	ng/ul	99
45) 2-Nitroaniline	13.904	65	653355	101.186	ng/ul	95
47) Dimethylphthalate	14.275	163	2885029	83.258	ng/ul	99
48) 2,6-Dinitrotoluene	14.398	165	610276	97.765	ng/ul	97
50) Acenaphthylene	14.551	152	3611712	80.692	ng/ul	100
51) 3-Nitroaniline	14.722	138	506950	99.625	ng/ul	97
52) Acenaphthene	14.886	153	2451424	79.460	ng/ul	99
53) 2,4-Dinitrophenol	14.928	184	278477	120.949	ng/ul	87
55) 4-Nitrophenol	15.022	109	376055	99.702	ng/ul	95
56) Dibenzofuran	15.222	168	3387661	79.666	ng/ul	98
57) 2,4-Dinitrotoluene	15.180	165	871504	101.282	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.445	232	743944	101.797	ng/ul	97
59) Diethylphthalate	15.633	149	2852377	84.407	ng/ul	100
61) Fluorene	15.875	166	2614511	76.905	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.863	204	1336933	77.813	ng/ul	97
63) 4-Nitroaniline	15.886	138	400336	100.654	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.945	198	456813	104.215	ng/ul#	96
67) N-Nitrosodiphenylamine	16.075	169	2327647	78.864	ng/ul	99
68) 4-Bromophenyl-phenylether	16.763	248	882877	81.113	ng/ul	97
69) Hexachlorobenzene	16.880	284	1009967	78.721	ng/ul	97
70) Atrazine	17.027	200	887953	83.102	ng/ul	98
71) Pentachlorophenol	17.222	266	571659	100.560	ng/ul	98
72) Phenanthrene	17.622	178	4285398	77.893	ng/ul	98
74) Anthracene	17.716	178	4291509	77.865	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.628	216	1263598	76.688	ng/uL	99
76) Pentachlorobenzene	15.139	250	1217328	76.963	ng/uL	99
77) Carbazole	17.974	167	3877325	82.476	ng/ul	100
78) Di-n-butylphthalate	18.510	149	4914194	84.261	ng/ul	100
80) Fluoranthene	19.574	202	4973851	82.016	ng/ul	99
82) Pyrene	19.927	202	5078196	78.790	ng/ul	100
83) Butylbenzylphthalate	20.780	149	2196155	90.542	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.568	252	1697843	86.685	ng/ul	99
85) Benzo(a)anthracene	21.645	228	4978208	82.245	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	3227114	87.767	ng/ul	99
87) Chrysene	21.704	228	4757757	78.978	ng/ul	98
89) Di-n-octyl phthalate	22.539	149	5675183	84.192	ng/ul	100
90) Benzo(b)fluoranthene	23.468	252	5518597	85.327	ng/ul	99
91) Benzo(k)fluoranthene	23.527	252	5177034	77.155	ng/ul	99
93) Benzo(a)pyrene	24.162	252	4789780	81.430	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.050	276	6511326	83.360	ng/ul	97
95) Dibenzo(a,h)anthracene	27.074	278	5367123	83.080	ng/ul	98
96) Benzo(g,h,i)perylene	27.909	276	5352731	83.029	ng/ul	98

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

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