Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024582.D
Acq On : 28 Mar 2023 12:44
Operator : CG/JU
Sample : SSTD04086
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 29 02:47:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 29 02:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040206

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	354368	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1603508	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	990761	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	2067972	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1869260	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	2125035	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	148275	16.222	ng/uL	0.00
4) Pyridine-d5	3.799	84	1112019	42.135	ng/ul	0.00
7) Phenol-d5	7.158	99	1387468	41.372	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	896412	41.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	1048505	42.172	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1123757	41.899	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	547669	43.157	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	612296	44.576	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	1050517	42.107	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1587935	41.713	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	3128557	41.063	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	3679124	42.408	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	663073	41.582	ng/ul	0.00
60) Fluorene-d10	15.634	176	2649749	40.534	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	588507	43.206	ng/ul	0.01
73) Anthracene-d10	17.486	188	4023148	41.363	ng/ul	0.00
81) Pyrene-d10	19.780	212	4533201	41.943	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	4440310	41.238	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	159150	16.160	ng/uL	98
5) Pyridine	3.817	79	1147950	41.787	ng/ul	98
6) Benzaldehyde	7.140	77	674721	44.079	ng/ul	96
8) Phenol	7.187	94	1442390	41.434	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	1135160	41.353	ng/ul	97
12) 2-Chlorophenol	7.563	128	1086239	41.876	ng/ul	99
13) 2-Methylphenol	8.446	108	1078529	41.488	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	2024609	41.519	ng/ul	100
16) Acetophenone	8.834	105	1739645	41.551	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	933005	42.345	ng/ul	99
18) 4-Methylphenol	8.781	108	1196813	41.467	ng/ul	99
19) Hexachloroethane	9.087	117	435050	42.465	ng/ul	99
22) Nitrobenzene	9.216	77	1380783	41.889	ng/ul	99
23) Isophorone	9.746	82	2618642	42.740	ng/ul	99
25) 2-Nitrophenol	9.928	139	651264	43.611	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	1288270	41.531	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	1596387	40.601	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	1061305	41.940	ng/ul	97
30) Naphthalene	10.869	128	3638513	40.836	ng/ul	100
32) 4-Chloroaniline	10.981	127	1583949	41.089	ng/ul	98
33) Hexachlorobutadiene	11.157	225	600738	41.222	ng/ul	98
34) Caprolactam	11.769	113	353407m	40.548	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1218642	42.122	ng/ul	97
36) 2-Methylnaphthalene	12.475	142	2441914	40.937	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	2404300	40.679	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	1214418	41.350	ng/ul	97
40) Hexachlorocyclopentadiene	12.822	237	750599	40.613	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	835030	42.676	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	923508	42.943	ng/ul	96
43) 1,1'-Biphenyl	13.481	154	3195528	40.596	ng/ul	98
44) 2-Chloronaphthalene	13.522	162	2511364	40.868	ng/ul	99
45) 2-Nitroaniline	13.728	65	854633	44.761	ng/ul	97
47) Dimethylphthalate	14.098	163	3122514	40.358	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	663009	45.240	ng/ul	98
50) Acenaphthylene	14.369	152	3945147	41.535	ng/ul	99
51) 3-Nitroaniline	14.551	138	661717	42.479	ng/ul	99
52) Acenaphthene	14.710	153	2692007	40.671	ng/ul	97
53) 2,4-Dinitrophenol	14.751	184	419661	42.157	ng/ul	97
55) 4-Nitrophenol	14.857	109	503285	41.252	ng/ul	96
56) Dibenzofuran	15.039	168	3714036	40.325	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	955465	44.502	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.269	232	751988	41.961	ng/ul	100
59) Diethylphthalate	15.463	149	3122139	41.238	ng/ul	98
61) Fluorene	15.692	166	2944159	39.867	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.681	204	1409002	40.212	ng/ul	98
63) 4-Nitroaniline	15.716	138	651647	42.464	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.769	198	580606	43.105	ng/ul#	97
67) N-Nitrosodiphenylamine	15.898	169	2595753	41.975	ng/ul	95
68) 4-Bromophenyl-phenylether	16.575	248	863511	41.836	ng/ul	95
69) Hexachlorobenzene	16.692	284	1009759	41.569	ng/ul	98
70) Atrazine	16.845	200	911713	43.152	ng/ul	99
71) Pentachlorophenol	17.034	266	609162	41.024	ng/ul	98
72) Phenanthrene	17.433	178	4745612	40.952	ng/ul	99
74) Anthracene	17.522	178	4786107	41.112	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	1250618	42.300	ng/uL	98
76) Pentachlorobenzene	14.963	250	1192655	41.528	ng/uL	98
77) Carbazole	17.792	167	4429918	42.322	ng/ul	99
78) Di-n-butylphthalate	18.351	149	5215043	43.967	ng/ul	100
80) Fluoranthene	19.445	202	5391749	42.066	ng/ul	99
82) Pyrene	19.810	202	5527508	40.909	ng/ul	98
83) Butylbenzylphthalate	20.704	149	2361152	45.894	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	1926573	44.091	ng/ul	95
85) Benzo(a)anthracene	21.563	228	5452530	41.293	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	3270899	45.599	ng/ul	99
87) Chrysene	21.621	228	5089515	40.733	ng/ul	100
89) Di-n-octyl phthalate	22.439	149	5769964	44.829	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	5707205	41.015	ng/ul	96
91) Benzo(k)fluoranthene	23.363	252	5527358	41.609	ng/ul	99
93) Benzo(a)pyrene	23.963	252	5010948	41.124	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.680	276	6489958m	41.699	ng/ul	
95) Dibenzo(a,h)anthracene	26.692	278	5332019m	41.269	ng/ul	
96) Benzo(g,h,i)perylene	27.486	276	5413917m	41.966	ng/ul	

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

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