Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
Data File : BP015121.D
Acq On : 16 May 2023 23:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020713

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

Quant Time: May 17 01:21:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 01:39:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	349104	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.963	136	1690997	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	1063945	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.528	188	2305007	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	2033783	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	2125724	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	79913	8.894	ng/uL	0.00
4) Pyridine-d5	3.870	84	585086	22.973	ng/ul	0.00
7) Phenol-d5	7.275	99	685804	21.158	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.452	67	408219	21.806	ng/ul	0.00
11) 2-Chlorophenol-d4	7.658	132	509820	21.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	597735	23.143	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	286725	21.578	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.034	143	313653	21.214	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.575	165	582230	21.823	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.099	131	871318	22.073	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	1737863	21.616	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	2045957	22.250	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.963	143	339063	21.719	ng/ul	0.00
60) Fluorene-d10	15.763	176	1493726	22.018	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	291888	20.094	ng/ul	0.00
73) Anthracene-d10	17.622	188	2304680	21.835	ng/ul	-0.01
81) Pyrene-d10	19.845	212	2485828	21.074	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	2212379	20.966	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	84596	8.762	ng/uL	95
5) Pyridine	3.893	79	610707	23.056	ng/ul	99
6) Benzaldehyde	7.258	77	182587	20.494	ng/ul	98
8) Phenol	7.305	94	722585	21.740	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.546	93	582823	21.917	ng/ul	99
12) 2-Chlorophenol	7.687	128	547880	21.734	ng/ul	98
13) 2-Methylphenol	8.575	108	556982	21.682	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	761705	22.863	ng/ul	99
16) Acetophenone	8.964	105	991163	24.588	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.946	70	506252	23.946	ng/ul	97
18) 4-Methylphenol	8.905	108	665188	23.526	ng/ul	98
19) Hexachloroethane	9.222	117	237842	23.108	ng/ul	99
22) Nitrobenzene	9.352	77	736154	22.431	ng/ul	99
23) Isophorone	9.881	82	1459539	21.637	ng/ul	100
25) 2-Nitrophenol	10.069	139	352368	21.734	ng/ul	97
26) 2,4-Dimethylphenol	10.122	107	723104	22.350	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.358	93	910022	22.172	ng/ul	98
29) 2,4-Dichlorophenol	10.605	162	592627	21.991	ng/ul	99
30) Naphthalene	11.010	128	2019458	21.966	ng/ul	100
32) 4-Chloroaniline	11.122	127	914431	22.539	ng/ul	99
33) Hexachlorobutadiene	11.293	225	346561	21.337	ng/ul	98
34) Caprolactam	11.899	113	205875m	20.263	ng/ul	
35) 4-Chloro-3-methylphenol	12.234	107	675989	22.215	ng/ul	100
36) 2-Methylnaphthalene	12.610	142	1369621	22.111	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1374674	22.099	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.969	216	705479	22.171	ng/ul	97
40) Hexachlorocyclopentadiene	12.952	237	395524	19.185	ng/ul	99
41) 2,4,6-Trichlorophenol	13.210	196	478905	21.314	ng/ul	97
42) 2,4,5-Trichlorophenol	13.281	196	527890	21.668	ng/ul	99
43) 1,1'-Biphenyl	13.610	154	1849393	22.404	ng/ul	99
44) 2-Chloronaphthalene	13.652	162	1444027	22.400	ng/ul	100
45) 2-Nitroaniline	13.857	65	426895	23.144	ng/ul	96
47) Dimethylphthalate	14.222	163	1821044	21.749	ng/ul	100
48) 2,6-Dinitrotoluene	14.346	165	366707	22.107	ng/ul	98
50) Acenaphthylene	14.493	152	2296735	22.386	ng/ul	99
51) 3-Nitroaniline	14.675	138	287390	19.240	ng/ul	97
52) Acenaphthene	14.834	153	1575428	22.483	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	194229	17.635	ng/ul	94
55) 4-Nitrophenol	14.975	109	258202	22.487	ng/ul	99
56) Dibenzofuran	15.169	168	2157343	22.134	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	532179	22.171	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.393	232	440703	21.434	ng/ul	99
59) Diethylphthalate	15.581	149	1801035	21.567	ng/ul	99
61) Fluorene	15.816	166	1743629	22.261	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	846087	22.108	ng/ul	99
63) 4-Nitroaniline	15.840	138	259283	20.101	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.893	198	303613	20.252	ng/ul	98
67) N-Nitrosodiphenylamine	16.022	169	1490988	21.999	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	510258	21.492	ng/ul	100
69) Hexachlorobenzene	16.822	284	597762	21.305	ng/ul	97
70) Atrazine	16.975	200	534405	21.332	ng/ul	99
71) Pentachlorophenol	17.169	266	358010	20.399	ng/ul	99
72) Phenanthrene	17.569	178	2767652	22.050	ng/ul	99
74) Anthracene	17.657	178	2820505	22.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	723534	22.139	ng/uL	100
76) Pentachlorobenzene	15.087	250	722329	22.012	ng/uL	99
77) Carbazole	17.922	167	2536136	22.787	ng/ul	100
78) Di-n-butylphthalate	18.457	149	2927044	20.422	ng/ul	100
80) Fluoranthene	19.516	202	3063131	21.306	ng/ul	98
82) Pyrene	19.869	202	3161430	21.294	ng/ul	97
83) Butylbenzylphthalate	20.728	149	1345776	20.447	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	923813	20.682	ng/ul	98
85) Benzo(a)anthracene	21.586	228	3069482	21.827	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1928572	20.353	ng/ul	100
87) Chrysene	21.645	228	2911472	21.658	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	3238629	22.246	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2968939	22.031	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	2960218	22.877	ng/ul	99
93) Benzo(a)pyrene	24.057	252	2565031	21.534	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.886	276	2866515	18.586	ng/ul	100
95) Dibenzo(a,h)anthracene	26.910	278	2415476	19.079	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	2219841	17.651	ng/ul	99

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

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