Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012903.D
Acq On : 01 Dec 2022 05:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020689

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2022
Supervised By :mohammad ahmed 12/02/2022

Quant Time: Dec 01 06:22:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	617612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	2476600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.646	164	1428005	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2656371	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	2606730	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	2823429	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	112775	7.825	ng/uL	0.00
4) Pyridine-d5	3.817	84	816621	18.933	ng/ul	0.00
7) Phenol-d5	7.158	99	937712	18.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	584216	18.681	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	757317	19.583	ng/ul	0.00
15) 4-Methylphenol-d8	8.711	113	730810	17.872	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	350853	23.146	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	382518	23.766	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	760275	20.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.958	131	946575	18.406	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	1886306	19.191	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	2291952	19.984	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	297089	16.953	ng/ul	0.00
60) Fluorene-d10	15.634	176	1673102	19.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	253369	19.956	ng/ul	0.00
73) Anthracene-d10	17.498	188	2349713	20.095	ng/ul	0.00
81) Pyrene-d10	19.728	212	2547542	16.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2721727	19.625	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	123561	7.983	ng/uL	97
5) Pyridine	3.840	79	809103	19.171	ng/ul	98
6) Benzaldehyde	7.140	77	504708m	20.368	ng/ul	
8) Phenol	7.187	94	988506	18.575	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	816413	18.724	ng/ul	99
12) 2-Chlorophenol	7.569	128	821066	19.519	ng/ul	99
13) 2-Methylphenol	8.446	108	745063	18.014	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1145272	18.210	ng/ul	99
16) Acetophenone	8.834	105	1185124	18.286	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.822	70	577674	18.094	ng/ul	97
18) 4-Methylphenol	8.775	108	808845	17.757	ng/ul	99
19) Hexachloroethane	9.099	117	327230	20.285	ng/ul	94
22) Nitrobenzene	9.216	77	855790	21.526	ng/ul	98
23) Isophorone	9.746	82	1605769	18.322	ng/ul	99
25) 2-Nitrophenol	9.928	139	443769	22.970	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	848757	19.771	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	1046649	19.478	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	779094	20.026	ng/ul	100
30) Naphthalene	10.875	128	2577072	19.872	ng/ul	100
32) 4-Chloroaniline	10.981	127	987434	18.696	ng/ul	99
33) Hexachlorobutadiene	11.157	225	552448	21.320	ng/ul	99
34) Caprolactam	11.752	113	178969	14.981	ng/ul	89
35) 4-Chloro-3-methylphenol	12.093	107	711616	18.063	ng/ul	98
36) 2-Methylnaphthalene	12.475	142	1715763	19.213	ng/ul	100

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37) 1-Methylnaphthalene	12.693	142	1698828	18.981	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	1005446	22.080	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	513817	23.418	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	598613	21.010	ng/ul	99
42) 2,4,5-Trichlorophenol	13.146	196	623211	20.347	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	2165039	20.812	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	1749294	21.020	ng/ul	99
45) 2-Nitroaniline	13.722	65	384458	23.612	ng/ul	96
47) Dimethylphthalate	14.093	163	1974770	19.166	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	354608	21.992	ng/ul	98
50) Acenaphthylene	14.363	152	2552579	20.355	ng/ul	99
51) 3-Nitroaniline	14.546	138	346427	18.551	ng/ul	98
52) Acenaphthene	14.710	153	1762385	19.962	ng/ul	98
53) 2,4-Dinitrophenol	14.746	184	160205	15.461	ng/ul	98
55) 4-Nitrophenol	14.840	109	221487	17.397	ng/ul	98
56) Dibenzofuran	15.040	168	2426777	19.942	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	486703	20.454	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	510278	19.329	ng/ul	99
59) Diethylphthalate	15.457	149	1819924	18.247	ng/ul	99
61) Fluorene	15.693	166	1924681	19.722	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	1015303	20.051	ng/ul	99
63) 4-Nitroaniline	15.704	138	292677	18.388	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	280336	20.571	ng/ul#	95
67) N-Nitrosodiphenylamine	15.898	169	1588470	21.041	ng/ul	100
68) 4-Bromophenyl-phenylether	16.581	248	588101	22.494	ng/ul	97
69) Hexachlorobenzene	16.698	284	688260	20.655	ng/ul	98
70) Atrazine	16.851	200	489838	18.911	ng/ul	99
71) Pentachlorophenol	17.040	266	363346	17.756	ng/ul	99
72) Phenanthrene	17.440	178	2842516	20.078	ng/ul	100
74) Anthracene	17.534	178	2849437	20.344	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.446	216	976084	23.768	ng/uL	100
76) Pentachlorobenzene	14.957	250	966099	22.631	ng/uL	100
77) Carbazole	17.798	167	2416159	20.392	ng/ul	99
78) Di-n-butylphthalate	18.345	149	2650983	18.900	ng/ul	99
80) Fluoranthene	19.398	202	3084809	16.374	ng/ul	99
82) Pyrene	19.751	202	3263302	16.747	ng/ul	99
83) Butylbenzylphthalate	20.622	149	1082743	23.745	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	1054725	22.033	ng/ul	99
85) Benzo(a)anthracene	21.469	228	3289821	18.247	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1581988	22.686	ng/ul	99
87) Chrysene	21.522	228	3089229	17.721	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	2718397	16.860	ng/ul	100
90) Benzo(b)fluoranthene	23.222	252	3582687	17.136	ng/ul	99
91) Benzo(k)fluoranthene	23.275	252	3444660	16.505	ng/ul	98
93) Benzo(a)pyrene	23.880	252	3208422	18.662	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.621	276	4030216	24.297	ng/ul	99
95) Dibenzo(a,h)anthracene	26.645	278	3614096	24.012	ng/ul	99
96) Benzo(g,h,i)perylene	27.433	276	3535253	24.779	ng/ul	99

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

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