Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022123\
Data File : BP013858.D
Acq On : 21 Feb 2023 09:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 01:48:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 01:41:33 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020764

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2023
Supervised By :mohammad ahmed 02/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	201855	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	779779	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	531678	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	1107843	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	857954	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	915060	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	34962	7.179	ng/uL	0.00
4) Pyridine-d5	3.887	84	242907	16.824	ng/ul	0.00
7) Phenol-d5	7.252	99	293950	16.344	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	179801	17.060	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	246508	18.619	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	236729	16.104	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	111234	20.502	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	132147	21.095	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	255844	20.041	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	310177	17.141	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	699643	16.707	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	860341	18.979	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	115478	15.479	ng/ul	0.00
60) Fluorene-d10	15.734	176	627044	17.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	121751	17.914	ng/ul	0.00
73) Anthracene-d10	17.598	188	951814	18.789	ng/ul	0.00
81) Pyrene-d10	19.816	212	1065436	21.898	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	868782	18.948	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	35321	6.756	ng/uL	95
5) Pyridine	3.905	79	240333	16.843	ng/ul	99
6) Benzaldehyde	7.234	77	136603	16.843	ng/ul	99
8) Phenol	7.281	94	309522	16.766	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.516	93	253805	17.156	ng/ul	97
12) 2-Chlorophenol	7.663	128	253727	18.678	ng/ul	100
13) 2-Methylphenol	8.546	108	236477	16.781	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	266211	15.820	ng/ul	98
16) Acetophenone	8.934	105	392032	16.630	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.916	70	195319	16.684	ng/ul	98
18) 4-Methylphenol	8.875	108	251089	16.139	ng/ul	100
19) Hexachloroethane	9.199	117	103482	18.603	ng/ul	88
22) Nitrobenzene	9.322	77	280885	19.678	ng/ul	98
23) Isophorone	9.852	82	553840	18.391	ng/ul	99
25) 2-Nitrophenol	10.034	139	137939	20.316	ng/ul	96
26) 2,4-Dimethylphenol	10.087	107	284157	18.797	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.328	93	335135	18.428	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	245420	19.528	ng/ul	99
30) Naphthalene	10.981	128	759366	18.293	ng/ul	100
32) 4-Chloroaniline	11.087	127	308277	16.899	ng/ul	99
33) Hexachlorobutadiene	11.263	225	186945	21.117	ng/ul	97
34) Caprolactam	11.863	113	69168m	15.685	ng/ul	
35) 4-Chloro-3-methylphenol	12.199	107	254092	17.512	ng/ul	98
36) 2-Methylnaphthalene	12.581	142	519055	17.785	ng/ul	99

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37) 1-Methylnaphthalene	12.799	142	518661	17.200	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.946	216	330599	19.732	ng/ul	98
40) Hexachlorocyclopentadiene	12.922	237	215746	20.054	ng/ul	100
41) 2,4,6-Trichlorophenol	13.181	196	208385	18.953	ng/ul	98
42) 2,4,5-Trichlorophenol	13.251	196	224078	18.829	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	694609	17.411	ng/ul	98
44) 2-Chloronaphthalene	13.622	162	547487	17.445	ng/ul	99
45) 2-Nitroaniline	13.822	65	139262	18.423	ng/ul	98
47) Dimethylphthalate	14.193	163	695693	16.750	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	143191	19.732	ng/ul	96
50) Acenaphthylene	14.469	152	914640	18.704	ng/ul	100
51) 3-Nitroaniline	14.645	138	123559	17.222	ng/ul	98
52) Acenaphthene	14.810	153	604186	17.652	ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	77364	14.950	ng/ul	97
55) 4-Nitrophenol	14.945	109	105931	16.182	ng/ul	95
56) Dibenzofuran	15.140	168	874117	17.813	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	196091	18.125	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.363	232	211144	18.823	ng/ul	98
59) Diethylphthalate	15.551	149	708933	16.998	ng/ul	99
61) Fluorene	15.792	166	686248	17.142	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	369674	17.760	ng/ul	97
63) 4-Nitroaniline	15.804	138	105225	15.488	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.863	198	118809	17.831	ng/ul	98
67) N-Nitrosodiphenylamine	15.992	169	568549	18.881	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	239818	20.498	ng/ul	99
69) Hexachlorobenzene	16.798	284	278725	20.446	ng/ul	98
70) Atrazine	16.945	200	225960	18.764	ng/ul	99
71) Pentachlorophenol	17.139	266	164947	18.594	ng/ul	99
72) Phenanthrene	17.539	178	1089729	18.589	ng/ul	99
74) Anthracene	17.634	178	1096850	18.597	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	311983	21.096	ng/uL	98
76) Pentachlorobenzene	15.063	250	330599	21.663	ng/uL	98
77) Carbazole	17.898	167	921473	17.736	ng/ul	99
78) Di-n-butylphthalate	18.428	149	1107535	17.576	ng/ul	99
80) Fluoranthene	19.492	202	1241300	22.286	ng/ul	98
82) Pyrene	19.845	202	1272667	21.431	ng/ul	95
83) Butylbenzylphthalate	20.698	149	408138	20.082	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.480	252	370472	19.186	ng/ul	100
85) Benzo(a)anthracene	21.557	228	1101534	18.790	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	605376	19.452	ng/ul	98
87) Chrysene	21.616	228	1044082	18.877	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	981719	15.591	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1085482	17.790	ng/ul	98
91) Benzo(k)fluoranthene	23.392	252	1034067	17.082	ng/ul	99
93) Benzo(a)pyrene	24.016	252	955022	18.467	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	1307769	22.545	ng/ul	95
95) Dibenzo(a,h)anthracene	26.839	278	1087320	22.440	ng/ul	97
96) Benzo(g,h,i)perylene	27.657	276	1080178	23.389	ng/ul	97

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

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