Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
Data File : BP006656.D
Acq On : 11 Aug 2021 17:24
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 13 09:54:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 15:09:30 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020021

Manual Integrations APPROVED
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8/13/2021 5:47:39 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	210130	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.498	136	887415	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	521599	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1022854	20.000	ng/ul	0.00
79) Chrysene-d12	21.221	240	994864	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	1072122	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	57418	9.242	ng/uL	0.00
4) Pyridine-d5	3.634	84	407612	22.824	ng/ul	0.00
7) Phenol-d5	6.893	99	436222	20.650	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	268054	20.648	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.246	132	343278	21.819	ng/ul	-0.01
15) 4-Methylphenol-d8	8.434	113	348015	20.622	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	170703	22.661	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	183824	23.321	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	306588	23.022	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.645	131	449940	20.787	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	892683	22.317	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1087222	22.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	191159	22.878	ng/ul	0.00
60) Fluorene-d10	15.357	176	724890	22.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	130355	19.280	ng/ul	0.00
73) Anthracene-d10	17.216	188	1097287	22.673	ng/ul	0.00
81) Pyrene-d10	19.463	212	1146908	21.953	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	1289684	22.307	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	59406	9.411	ng/uL#	92
5) Pyridine	3.652	79	413425	22.362	ng/ul	100
6) Benzaldehyde	6.863	77	201551	19.405	ng/ul	100
8) Phenol	6.922	94	452188	20.960	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.151	93	352855	21.220	ng/ul	99
12) 2-Chlorophenol	7.275	128	346875	21.865	ng/ul	100
13) 2-Methylphenol	8.163	108	333225	20.993	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.251	45	404323	20.810	ng/ul	99
16) Acetophenone	8.540	105	550750	20.731	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	301507	21.099	ng/ul	99
18) 4-Methylphenol	8.493	108	358992	20.803	ng/ul	99
19) Hexachloroethane	8.781	117	153537	22.240	ng/ul	98
22) Nitrobenzene	8.910	77	454297	23.036	ng/ul	99
23) Isophorone	9.445	82	853647	23.212	ng/ul	99
25) 2-Nitrophenol	9.622	139	195746	23.546	ng/ul	100
26) 2,4-Dimethylphenol	9.687	107	407183	22.799	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	486833	22.837	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	301400	23.328	ng/ul	98
30) Naphthalene	10.545	128	1101472	22.870	ng/ul	99
32) 4-Chloroaniline	10.669	127	437292	20.588	ng/ul	99
33) Hexachlorobutadiene	10.828	225	176940	23.228	ng/ul	97
34) Caprolactam	11.487	113	123723m	23.919	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	387943	23.473	ng/ul	97
36) 2-Methylnaphthalene	12.163	142	737345	22.280	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	713654	21.668	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	320642	22.811	ng/ul	96
40) Hexachlorocyclopentadiene	12.510	237	188635	20.455	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	233276	24.165	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	248173	24.147	ng/ul	98
43) 1,1'-Biphenyl	13.186	154	925579	22.826	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	714881	23.238	ng/ul	99
45) 2-Nitroaniline	13.439	65	265506	23.933	ng/ul	100
47) Dimethylphthalate	13.828	163	921961	23.302	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	187788	24.591	ng/ul	94
50) Acenaphthylene	14.075	152	1116728	23.283	ng/ul	99
51) 3-Nitroaniline	14.275	138	162483	18.580	ng/ul	95
52) Acenaphthene	14.422	153	793369	23.198	ng/ul	100
53) 2,4-Dinitrophenol	14.486	184	72689	14.717	ng/ul	99
55) 4-Nitrophenol	14.592	109	177694	23.716	ng/ul	97
56) Dibenzofuran	14.757	168	1037190	22.682	ng/ul	100
57) 2,4-Dinitrotoluene	14.739	165	274611	24.443	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.986	232	216675	25.396	ng/ul	97
59) Diethylphthalate	15.198	149	991720	23.582	ng/ul	99
61) Fluorene	15.410	166	867186	22.743	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	398183	23.068	ng/ul	99
63) 4-Nitroaniline	15.445	138	127098m	15.520	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	136299	20.167	ng/ul	95
67) N-Nitrosodiphenylamine	15.627	169	720612	22.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	239491	23.740	ng/ul	98
69) Hexachlorobenzene	16.416	284	264083	23.164	ng/ul	97
70) Atrazine	16.598	200	269002	24.135	ng/ul	98
71) Pentachlorophenol	16.763	266	185202	24.801	ng/ul	100
72) Phenanthrene	17.157	178	1323582	22.906	ng/ul	99
74) Anthracene	17.251	178	1359505	23.169	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	319343	22.960	ng/uL	99
76) Pentachlorobenzene	14.675	250	312051	22.771	ng/uL	97
77) Carbazole	17.527	167	1186831	21.655	ng/ul	100
78) Di-n-butylphthalate	18.092	149	1738308	24.531	ng/ul	100
80) Fluoranthene	19.139	202	1522911	23.192	ng/ul	98
82) Pyrene	19.492	202	1549866	22.852	ng/ul	98
83) Butylbenzylphthalate	20.386	149	823223	24.551	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.151	252	248630	10.952	ng/ul	99
85) Benzo(a)anthracene	21.210	228	1504000	23.210	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.151	149	1222021	23.651	ng/ul	98
87) Chrysene	21.262	228	1451666	23.235	ng/ul	100
89) Di-n-octyl phthalate	22.051	149	2149040	23.189	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	1561856	22.426	ng/ul	99
91) Benzo(k)fluoranthene	22.886	252	1522029	22.572	ng/ul	99
93) Benzo(a)pyrene	23.445	252	1464056	23.205	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.939	276	1875965	22.740	ng/ul	98
95) Dibenzo(a,h)anthracene	25.962	278	1573380	22.706	ng/ul	99
96) Benzo(g,h,i)perylene	26.680	276	1570479	22.929	ng/ul	97

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

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