Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007700.D
Acq On : 27 Oct 2021 04:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020719

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:09 AM

Quant Time: Oct 27 04:56:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	259274	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1044328	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	681398	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.328	188	1458485	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	1530966	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	1644237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	38513	6.748	ng/uL	0.00
4) Pyridine-d5	3.781	84	294695	17.074	ng/ul	0.00
7) Phenol-d5	7.099	99	344663	17.502	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	199160	18.215	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	279675	18.260	ng/ul	-0.01
15) 4-Methylphenol-d8	8.640	113	274978	17.832	ng/ul	-0.01
21) Nitrobenzene-d5	9.093	128	128265	18.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	135450	17.426	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.358	165	290143	18.338	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.869	131	378231	18.080	ng/ul	-0.01
46) Dimethylphthalate-d6	13.981	166	829646	17.975	ng/ul	-0.01
49) Acenaphthylene-d8	14.263	160	1027849	18.169	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	145480	17.195	ng/ul	-0.01
60) Fluorene-d10	15.563	176	699441	17.975	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.681	200	120337	15.425	ng/ul	0.00
73) Anthracene-d10	17.428	188	1069789	17.848	ng/ul	0.00
81) Pyrene-d10	19.657	212	1287944	18.070	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	1442321	17.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	43020	6.742	ng/uL	91
5) Pyridine	3.799	79	296287	17.525	ng/ul	99
6) Benzaldehyde	7.069	77	210174	22.200	ng/ul	95
8) Phenol	7.122	94	353656	17.774	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.352	93	283513	18.074	ng/ul	99
12) 2-Chlorophenol	7.499	128	285076	18.359	ng/ul	97
13) 2-Methylphenol	8.375	108	265956	17.695	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	330397	18.544	ng/ul	98
16) Acetophenone	8.752	105	428467	18.617	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.746	70	206894	18.901	ng/ul	94
18) 4-Methylphenol	8.705	108	292071	18.222	ng/ul	96
19) Hexachloroethane	9.016	117	114730	18.054	ng/ul	96
22) Nitrobenzene	9.134	77	308045	18.344	ng/ul	95
23) Isophorone	9.663	82	586490	18.257	ng/ul	98
25) 2-Nitrophenol	9.846	139	152740	18.257	ng/ul#	96
26) 2,4-Dimethylphenol	9.910	107	328811	18.460	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.146	93	374326	18.177	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	282096	18.199	ng/ul	98
30) Naphthalene	10.787	128	878339	17.815	ng/ul	100
32) 4-Chloroaniline	10.893	127	379208	17.808	ng/ul	99
33) Hexachlorobutadiene	11.087	225	196630	17.399	ng/ul	99
34) Caprolactam	11.663	113	84109m	16.549	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	295338	18.404	ng/ul	96
36) 2-Methylnaphthalene	12.399	142	615837	18.169	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	623157	18.208	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	363979	17.610	ng/ul	98
40) Hexachlorocyclopentadiene	12.752	237	204907	15.287	ng/ul	97
41) 2,4,6-Trichlorophenol	13.004	196	229233	17.627	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	250377	17.881	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	838114	17.805	ng/ul	99
44) 2-Chloronaphthalene	13.446	162	647420	17.748	ng/ul	99
45) 2-Nitroaniline	13.646	65	167834	18.237	ng/ul	89
47) Dimethylphthalate	14.028	163	827043	18.128	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	159283	18.280	ng/ul	94
50) Acenaphthylene	14.293	152	1045264	18.250	ng/ul	100
51) 3-Nitroaniline	14.469	138	165602	17.919	ng/ul#	98
52) Acenaphthene	14.634	153	669031	17.711	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	75131	13.814	ng/ul	91
55) 4-Nitrophenol	14.775	109	126892	16.965	ng/ul	97
56) Dibenzofuran	14.969	168	991461	17.955	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	231404	18.491	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.198	232	205107	17.970	ng/ul	97
59) Diethylphthalate	15.398	149	805965	18.013	ng/ul	99
61) Fluorene	15.622	166	775991	18.029	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	405942	17.784	ng/ul	99
63) 4-Nitroaniline	15.634	138	164523	19.175	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.693	198	126307	16.085	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	685505	18.218	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	252644	17.765	ng/ul	95
69) Hexachlorobenzene	16.634	284	286582	17.402	ng/ul	94
70) Atrazine	16.787	200	269949	17.302	ng/ul	99
71) Pentachlorophenol	16.975	266	168876	16.512	ng/ul	97
72) Phenanthrene	17.369	178	1261279	17.892	ng/ul	100
74) Anthracene	17.457	178	1278797	18.238	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	383970	18.007	ng/uL	98
76) Pentachlorobenzene	14.893	250	370833	18.035	ng/uL	99
77) Carbazole	17.728	167	1161978	17.951	ng/ul	99
78) Di-n-butylphthalate	18.287	149	1328941	17.932	ng/ul	99
80) Fluoranthene	19.334	202	1566843	17.937	ng/ul	99
82) Pyrene	19.686	202	1602268	18.123	ng/ul	98
83) Butylbenzylphthalate	20.563	149	604402	17.570	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.328	252	519937	18.325	ng/ul	98
85) Benzo(a)anthracene	21.398	228	1641764	18.059	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	886947	17.352	ng/ul	98
87) Chrysene	21.451	228	1576762	17.938	ng/ul	100
89) Di-n-octyl phthalate	22.275	149	1543583	16.853	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1751460	18.078	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1619704	17.865	ng/ul	99
93) Benzo(a)pyrene	23.751	252	1687446	17.977	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	1987421	17.775	ng/ul	100
95) Dibenzo(a,h)anthracene	26.433	278	1709026	17.836	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	1703050	17.907	ng/ul	98

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

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