Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007551.D
Acq On : 21 Oct 2021 12:55
Operator : CG/JU
Sample : SP5725
Misc : SFAM SPIKE
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP5725

Manual Integrations APPROVED
mohammad
10/22/2021 2:54:50 PM

Quant Time: Oct 21 13:30:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	197563	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	774107	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	479244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1035274	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1019712	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1132177	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	156611	28.782	ng/uL	93
5) Pyridine	3.811	79	1075761	81.232	ng/ul	95
6) Benzaldehyde	7.087	77	860382	99.251	ng/ul	97
8) Phenol	7.140	94	1305695	82.773	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	1015010	79.729	ng/ul	98
12) 2-Chlorophenol	7.516	128	1036917	83.214	ng/ul	98
13) 2-Methylphenol	8.399	108	974208	81.988	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1151450	70.975	ng/ul	98
16) Acetophenone	8.775	105	1405725	77.324	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	689692	73.329	ng/ul	93
18) 4-Methylphenol	8.728	108	1038309	82.041	ng/ul	98
19) Hexachloroethane	9.040	117	423789	81.230	ng/ul	95
22) Nitrobenzene	9.152	77	1074949	85.462	ng/ul	97
23) Isophorone	9.693	82	2036683	77.346	ng/ul	98
25) 2-Nitrophenol	9.869	139	522709	98.547	ng/ul	96
26) 2,4-Dimethylphenol	9.934	107	1116112	82.414	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	1292986	79.245	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	974472	88.830	ng/ul	96
30) Naphthalene	10.810	128	2962453	78.689	ng/ul	100
32) 4-Chloroaniline	10.916	127	1176521	77.037	ng/ul	100
33) Hexachlorobutadiene	11.104	225	672189	87.276	ng/ul	99
34) Caprolactam	11.710	113	309729m	107.634	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	1022647	85.814	ng/ul	97
36) 2-Methylnaphthalene	12.416	142	2023571	78.645	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	2015811	77.390	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	1163348	83.980	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	672095	76.943	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	783508	96.186	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	846508	99.818	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	2645126	77.438	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	2059750	78.289	ng/ul	100
45) 2-Nitroaniline	13.663	65	593779	97.073	ng/ul	94
47) Dimethylphthalate	14.051	163	2581415	78.384	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	563187	103.125	ng/ul	93
50) Acenaphthylene	14.310	152	3343219	79.579	ng/ul	99
51) 3-Nitroaniline	14.487	138	580208	95.347	ng/ul#	98
52) Acenaphthene	14.657	153	2140678	78.688	ng/ul	100
53) 2,4-Dinitrophenol	14.692	184	285761	113.272	ng/ul	96
55) 4-Nitrophenol	14.792	109	430471	89.563	ng/ul	94
56) Dibenzofuran	14.992	168	3054868	77.337	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	793204	103.408	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.216	232	699482	99.396	ng/ul	96
59) Diethylphthalate	15.422	149	2558221	77.907	ng/ul	98
61) Fluorene	15.639	166	2311856	77.246	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	1219009	79.995	ng/ul	99
63) 4-Nitroaniline	15.657	138	584270	108.306	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.716	198	388368	90.506	ng/ul	99
67) N-Nitrosodiphenylamine	15.845	169	2121739	76.123	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	825963	88.567	ng/ul	94
69) Hexachlorobenzene	16.651	284	939988	83.794	ng/ul	96
70) Atrazine	16.810	200	856054	81.130	ng/ul	99
71) Pentachlorophenol	16.992	266	629452	101.364	ng/ul	99
72) Phenanthrene	17.386	178	3983360	76.965	ng/ul	99
74) Anthracene	17.481	178	4035810	77.967	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	1195968	79.647	ng/uL	99
76) Pentachlorobenzene	14.916	250	1096272	78.320	ng/uL	98
77) Carbazole	17.745	167	3706512	81.517	ng/ul	100
78) Di-n-butylphthalate	18.304	149	4404065	78.844	ng/ul	99
80) Fluoranthene	19.351	202	4919567	77.777	ng/ul	98
82) Pyrene	19.704	202	5050727	79.186	ng/ul	97
83) Butylbenzylphthalate	20.580	149	2061836	88.046	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	1870228	96.397	ng/ul#	98
85) Benzo(a)anthracene	21.416	228	5048089	80.572	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2816828	78.678	ng/ul#	99
87) Chrysene	21.469	228	4742646	78.141	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	5327454	83.391	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	5549561	80.535	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	4968077	77.321	ng/ul	98
93) Benzo(a)pyrene	23.780	252	5316276	80.655	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.457	276	6300478	82.511	ng/ul	98
95) Dibenzo(a,h)anthracene	26.480	278	5300127	81.513	ng/ul	98
96) Benzo(g,h,i)perylene	27.251	276	5452487	82.910	ng/ul	96

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

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