Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010521\
Data File : BN013333.D
Acq On : 05 Jan 2021 21:34
Operator : CG/JU
Sample : SP5409
Misc : SFAM SPIKE
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SP5409

Manual Integrations APPROVED
mohammad
1/6/2021 12:01:05 PM

Quant Time: Jan 06 01:56:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 01:45:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	280668	20.00	ng/ul	0.00
20) Naphthalene-d8	10.38	136	1133093	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.24	164	658264	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.99	188	1374646	20.00	ng/ul	0.00
79) Chrysene-d12	21.19	240	1304038	20.00	ng/ul	0.00
88) Perylene-d12	23.38	264	1404341	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	209722	28.665	ng/uL	99
5) Pyridine	3.61	79	1396068	75.452	ng/ul	91
6) Benzaldehyde	6.76	77	1164070	131.547	ng/ul	98
8) Phenol	6.82	94	1827653	76.657	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.05	93	1372156	72.627	ng/ul	98
12) 2-Chlorophenol	7.18	128	1570690	75.078	ng/ul	99
13) 2-Methylphenol	8.05	108	1406711	76.582	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.15	45	1906484	72.014	ng/ul	97
16) Acetophenone	8.43	105	2122619	75.958	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.42	70	978022	70.539	ng/ul	98
18) 4-Methylphenol	8.38	108	1489613	75.543	ng/ul	100
19) Hexachloroethane	8.68	117	606115	73.834	ng/ul	99
22) Nitrobenzene	8.80	77	1491976	73.756	ng/ul	99
23) Isophorone	9.33	82	2767587	72.351	ng/ul	97
25) 2-Nitrophenol	9.50	139	806163	77.827	ng/ul	99
26) 2,4-Dimethylphenol	9.57	107	1634908	78.165	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.81	93	1788547	72.285	ng/ul	99
29) 2,4-Dichlorophenol	10.03	162	1402987	77.533	ng/ul	99
30) Naphthalene	10.43	128	4661385	73.318	ng/ul	99
32) 4-Chloroaniline	10.53	127	1734528	72.459	ng/ul	99
33) Hexachlorobutadiene	10.72	225	841680	74.410	ng/ul	94
34) Caprolactam	11.33	113	453374m	81.249	ng/ul	

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35) 4-Chloro-3-methylphenol	11.67	107	1479729	76.351	ng/ul	96
36) 2-Methylnaphthalene	12.05	142	3250232	74.346	ng/ul	100
37) 1-Methylnaphthalene	12.27	142	3151552	74.790	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	1546926	78.087	ng/ul	99
40) Hexachlorocyclopentadiene	12.40	237	952501	92.282	ng/ul	99
41) 2,4,6-Trichlorophenol	12.66	196	1077248	82.461	ng/ul	99
42) 2,4,5-Trichlorophenol	12.73	196	1159818	83.430	ng/ul	98
43) 1,1'-Biphenyl	13.07	154	4026981	75.950	ng/ul	100
44) 2-Chloronaphthalene	13.11	162	3152493	75.494	ng/ul	99
45) 2-Nitroaniline	13.32	65	870361	81.794	ng/ul	92
47) Dimethylphthalate	13.72	163	3888240	74.438	ng/ul	99
48) 2,6-Dinitrotoluene	13.82	165	829985	83.777	ng/ul	97
50) Acenaphthylene	13.96	152	4715269	74.271	ng/ul	98
51) 3-Nitroaniline	14.15	138	887350	97.102	ng/ul#	99
52) Acenaphthene	14.30	153	3355328	74.908	ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	419960	94.588	ng/ul	95
55) 4-Nitrophenol	14.46	109	575982	82.265	ng/ul	97
56) Dibenzofuran	14.65	168	4602516	75.049	ng/ul	98
57) 2,4-Dinitrotoluene	14.61	165	1189185	84.242	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.87	232	963543	82.080	ng/ul	97
59) Diethylphthalate	15.09	149	3920267	73.823	ng/ul	99
61) Fluorene	15.29	166	3607955	72.621	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.30	204	1751377	73.129	ng/ul	98
63) 4-Nitroaniline	15.32	138	986660	114.955	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.37	198	593805	78.870	ng/ul	95
67) N-Nitrosodiphenylamine	15.51	169	3267337	75.434	ng/ul	99
68) 4-Bromophenyl-phenylether	16.19	248	1118823	73.947	ng/ul	98
69) Hexachlorobenzene	16.30	284	1294042	75.443	ng/ul	97
70) Atrazine	16.47	200	1201913	81.235	ng/ul	98
71) Pentachlorophenol	16.64	266	818516	85.571	ng/ul	99
72) Phenanthrene	17.03	178	5826048	73.046	ng/ul	100
74) Anthracene	17.12	178	5991366	73.606	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.03	216	1569219	78.755	ng/uL	99
76) Pentachlorobenzene	14.56	250	1472787	74.083	ng/uL	93
77) Carbazole	17.39	167	5492708	83.135	ng/ul	99
78) Di-n-butylphthalate	17.98	149	6715093	74.570	ng/ul	99
80) Fluoranthene	19.06	202	6507058	72.413	ng/ul	98
82) Pyrene	19.42	202	6821839	74.053	ng/ul	100
83) Butylbenzylphthalate	20.35	149	3082645	77.856	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.12	252	2480217	100.572	ng/ul	99
85) Benzo(a)anthracene	21.17	228	6425459	74.650	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.14	149	4477790	76.342	ng/ul	98
87) Chrysene	21.23	228	6146259	72.920	ng/ul	99
89) Di-n-octyl phthalate	22.02	149	7737063	88.562	ng/ul	100
90) Benzo(b)fluoranthene	22.73	252	6721943	75.067	ng/ul	98
91) Benzo(k)fluoranthene	22.78	252	6816531	79.921	ng/ul	98
93) Benzo(a)pyrene	23.29	252	6203686	76.416	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.58	276	8099936	79.656	ng/ul	100
95) Dibenzo(a,h)anthracene	25.59	278	6666943	78.232	ng/ul	97
96) Benzo(g,h,i)perylene	26.24	276	6933641	80.464	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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