Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031121\
Data File : BP004968.D
Acq On : 11 Mar 2021 09:23
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020080

Manual Integrations APPROVED
mohammad
3/12/2021 12:03:52 PM

Quant Time: Mar 11 10:00:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 09:56:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30222	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	124311	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	84111	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	207367	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	245657	20.00	ng/ul	0.00
88) Perylene-d12	23.51	264	253966	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	6874	8.33	ng/uL	0.00
4) Pyridine-d5	3.64	84	40471	18.90	ng/ul	0.00
7) Phenol-d5	6.90	99	52004	19.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.07	67	29333	21.09	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	40848	20.44	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	43454	20.68	ng/ul	0.00
21) Nitrobenzene-d5	8.89	128	21284	21.59	ng/ul	0.00
24) 2-Nitrophenol-d4	9.61	143	23302	21.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.15	165	43277	20.43	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	58462	20.08	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	139299	20.65	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	158291	21.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	25854	21.64	ng/ul	0.00
60) Fluorene-d10	15.38	176	130003	22.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	27664	19.03	ng/ul	0.00
73) Anthracene-d10	17.24	188	210391	20.83	ng/ul	0.00
81) Pyrene-d10	19.48	212	247640	20.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	289827	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	7688	8.445	ng/uL	99
5) Pyridine	3.66	79	42302	20.180	ng/ul	96
6) Benzaldehyde	6.88	77	37058	27.038	ng/ul	98
8) Phenol	6.93	94	57015	20.588	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.16	93	43314	20.889	ng/ul	93
12) 2-Chlorophenol	7.30	128	44353	20.973	ng/ul	93
13) 2-Methylphenol	8.18	108	42236	20.307	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.26	45	46419m	21.401	ng/ul	
16) Acetophenone	8.56	105	75037	20.987	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.54	70	37457	22.517	ng/ul	97
18) 4-Methylphenol	8.50	108	45289	19.930	ng/ul	98
19) Hexachloroethane	8.80	117	19966	20.659	ng/ul	97
22) Nitrobenzene	8.93	77	57082	21.711	ng/ul	97
23) Isophorone	9.46	82	98941	21.669	ng/ul	97
25) 2-Nitrophenol	9.64	139	25325	21.477	ng/ul#	93
26) 2,4-Dimethylphenol	9.70	107	57282	21.084	ng/ul	94
27) Bis(2-Chloroethoxy)methane	9.94	93	58061	21.212	ng/ul	97
29) 2,4-Dichlorophenol	10.18	162	45097	21.212	ng/ul	98
30) Naphthalene	10.58	128	144772	20.368	ng/ul	99
32) 4-Chloroaniline	10.69	127	59972	19.919	ng/ul	100
33) Hexachlorobutadiene	10.86	225	33204	20.427	ng/ul	98
34) Caprolactam	11.47	113	13638m	19.325	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.82	107	51658	21.034	ng/ul	98
36) 2-Methylnaphthalene	12.19	142	106509	21.181	ng/ul	92
37) 1-Methylnaphthalene	12.41	142	106696	20.924	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	62760	20.780	ng/ul	97
40) Hexachlorocyclopentadiene	12.54	237	38457	19.389	ng/ul	93
41) 2,4,6-Trichlorophenol	12.80	196	38115	20.745	ng/ul	97
42) 2,4,5-Trichlorophenol	12.88	196	42140	21.408	ng/ul	98
43) 1,1'-Biphenyl	13.21	154	138425	20.183	ng/ul	98
44) 2-Chloronaphthalene	13.25	162	109827	20.541	ng/ul	99
45) 2-Nitroaniline	13.46	65	34022	22.037	ng/ul	95
47) Dimethylphthalate	13.85	163	143089	20.946	ng/ul	98
48) 2,6-Dinitrotoluene	13.96	165	29632	21.751	ng/ul	96
50) Acenaphthylene	14.10	152	164795	21.067	ng/ul	99
51) 3-Nitroaniline	14.29	138	28085	22.048	ng/ul	91
52) Acenaphthene	14.45	153	124089	21.712	ng/ul	97
53) 2,4-Dinitrophenol	14.50	184	17662	19.406	ng/ul	90
55) 4-Nitrophenol	14.60	109	28283	21.351	ng/ul	98
56) Dibenzofuran	14.78	168	184946	22.518	ng/ul	96
57) 2,4-Dinitrotoluene	14.75	165	45947	22.990	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.01	232	42021	23.062	ng/ul	96
59) Diethylphthalate	15.22	149	157621	22.578	ng/ul	99
61) Fluorene	15.43	166	154810	22.271	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.43	204	84229	22.453	ng/ul	96
63) 4-Nitroaniline	15.46	138	31199	24.428	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.52	198	29655	19.596	ng/ul	93
67) N-Nitrosodiphenylamine	15.65	169	131782	20.372	ng/ul	98
68) 4-Bromophenyl-phenylether	16.33	248	53147	20.948	ng/ul	97
69) Hexachlorobenzene	16.44	284	59782	21.061	ng/ul#	87
70) Atrazine	16.61	200	51560	19.191	ng/ul	93
71) Pentachlorophenol	16.79	266	35480	19.802	ng/ul	95
72) Phenanthrene	17.18	178	248841	20.448	ng/ul	99
74) Anthracene	17.27	178	255627	20.521	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	64651	18.932	ng/uL	93
76) Pentachlorobenzene	14.70	250	74060	21.033	ng/uL	97
77) Carbazole	17.55	167	217835	19.742	ng/ul	98
78) Di-n-butylphthalate	18.10	149	261172	20.728	ng/ul	99
80) Fluoranthene	19.15	202	312582	20.547	ng/ul	100
82) Pyrene	19.50	202	322873	20.154	ng/ul	98
83) Butylbenzylphthalate	20.38	149	118169	19.870	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.15	252	120135	20.452	ng/ul	98
85) Benzo(a)anthracene	21.21	228	342107	21.075	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.14	149	177612	20.033	ng/ul	99
87) Chrysene	21.26	228	332536	20.738	ng/ul	99
89) Di-n-octyl phthalate	22.03	149	307500	17.431	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	353989	20.005	ng/ul	100
91) Benzo(k)fluoranthene	22.86	252	357861	20.879	ng/ul	99
93) Benzo(a)pyrene	23.41	252	319505	20.757	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.86	276	406435	20.140	ng/ul	97
95) Dibenzo(a,h)anthracene	25.87	278	345499	19.975	ng/ul	97
96) Benzo(g,h,i)perylene	26.57	276	335711	19.999	ng/ul	98

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

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