Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031721\
Data File : BP004987.D
Acq On : 17 Mar 2021 13:18
Operator : CG/JU
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD040006

Manual Integrations APPROVED
mohammad
3/18/2021 9:17:24 AM

Quant Time: Mar 17 13:54:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 13:18:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	40703	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	161854	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	103882	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	226651	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	242676	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	231085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	16806	15.12	ng/uL	0.00
4) Pyridine-d5	3.64	84	103119	35.76	ng/ul	0.00
7) Phenol-d5	6.90	99	138331	39.39	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	72167	38.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	113600	42.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	110211	38.94	ng/ul	0.00
21) Nitrobenzene-d5	8.89	128	55119	42.95	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	61891	43.90	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	117423	42.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	152494	40.24	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	340669	40.90	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	399549	43.29	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	60148	40.77	ng/ul	0.00
60) Fluorene-d10	15.37	176	297153	41.24	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	68093	42.86	ng/ul	0.00
73) Anthracene-d10	17.24	188	460041	41.68	ng/ul	0.00
81) Pyrene-d10	19.48	212	516030	42.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	550061	43.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	17258	14.075	ng/uL	95
5) Pyridine	3.66	79	109115	38.649	ng/ul	94
6) Benzaldehyde	6.88	77	83986	45.499	ng/ul	95
8) Phenol	6.93	94	143979	38.602	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.16	93	109960	39.376	ng/ul	98
12) 2-Chlorophenol	7.29	128	119270	41.876	ng/ul	98
13) 2-Methylphenol	8.18	108	111574	39.830	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.26	45	106586	36.487	ng/ul#	93
16) Acetophenone	8.55	105	179444	37.265	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.54	70	86672	38.685	ng/ul	96
18) 4-Methylphenol	8.50	108	116961	38.216	ng/ul	89
19) Hexachloroethane	8.80	117	51079	39.243	ng/ul	96
22) Nitrobenzene	8.93	77	133919	39.121	ng/ul	99
23) Isophorone	9.46	82	240420	40.441	ng/ul	99
25) 2-Nitrophenol	9.63	139	67108	43.709	ng/ul	99
26) 2,4-Dimethylphenol	9.70	107	138654	39.197	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.94	93	142361	39.946	ng/ul	99
29) 2,4-Dichlorophenol	10.17	162	117121	42.312	ng/ul	99
30) Naphthalene	10.57	128	377371	40.778	ng/ul	99
32) 4-Chloroaniline	10.68	127	152424	38.883	ng/ul	97
33) Hexachlorobutadiene	10.85	225	84902	40.116	ng/ul	96
34) Caprolactam	11.47	113	36280m	39.484	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	124031	38.788	ng/ul	99
36) 2-Methylnaphthalene	12.19	142	273215	41.730	ng/ul	97
37) 1-Methylnaphthalene	12.41	142	269117	40.535	ng/ul#	100
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	157842	42.315	ng/ul	96
40) Hexachlorocyclopentadiene	12.53	237	101609	41.479	ng/ul	99
41) 2,4,6-Trichlorophenol	12.80	196	99613	43.898	ng/ul	98
42) 2,4,5-Trichlorophenol	12.87	196	109111	44.882	ng/ul	98
43) 1,1'-Biphenyl	13.21	154	351545	41.502	ng/ul	99
44) 2-Chloronaphthalene	13.25	162	275949	41.788	ng/ul	97
45) 2-Nitroaniline	13.46	65	78418	41.127	ng/ul	92
47) Dimethylphthalate	13.84	163	347355	41.170	ng/ul	99
48) 2,6-Dinitrotoluene	13.96	165	74589	44.331	ng/ul	93
50) Acenaphthylene	14.10	152	406975	42.125	ng/ul	97
51) 3-Nitroaniline	14.29	138	68948	43.826	ng/ul	96
52) Acenaphthene	14.45	153	289725	41.045	ng/ul	94
53) 2,4-Dinitrophenol	14.50	184	46998	41.811	ng/ul	96
55) 4-Nitrophenol	14.60	109	56369	34.455	ng/ul	96
56) Dibenzofuran	14.78	168	418679	41.275	ng/ul	100
57) 2,4-Dinitrotoluene	14.75	165	105662	42.808	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.01	232	98684	43.851	ng/ul	96
59) Diethylphthalate	15.21	149	342064	39.673	ng/ul	98
61) Fluorene	15.43	166	346613	40.374	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.43	204	187218	40.409	ng/ul	99
63) 4-Nitroaniline	15.46	138	70518	44.705	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.52	198	69009	41.722	ng/ul#	95
67) N-Nitrosodiphenylamine	15.65	169	298684	42.245	ng/ul	98
68) 4-Bromophenyl-phenylether	16.33	248	116095	41.865	ng/ul	96
69) Hexachlorobenzene	16.44	284	129426	41.716	ng/ul	98
70) Atrazine	16.61	200	117619	40.055	ng/ul	99
71) Pentachlorophenol	16.79	266	82730	42.244	ng/ul	92
72) Phenanthrene	17.18	178	547081	41.131	ng/ul	99
74) Anthracene	17.27	178	562233	41.293	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	162409	43.513	ng/uL	96
76) Pentachlorobenzene	14.70	250	164468	42.736	ng/uL	97
77) Carbazole	17.55	167	481968	39.964	ng/ul	99
78) Di-n-butylphthalate	18.10	149	573920	41.673	ng/ul	99
80) Fluoranthene	19.16	202	655289	43.603	ng/ul	98
82) Pyrene	19.51	202	666237	42.098	ng/ul	98
83) Butylbenzylphthalate	20.39	149	254850	43.379	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.15	252	243164	41.905	ng/ul	96
85) Benzo(a)anthracene	21.22	228	664486	41.438	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.14	149	382352	43.656	ng/ul	99
87) Chrysene	21.26	228	651702	41.140	ng/ul	100
89) Di-n-octyl phthalate	22.03	149	630528	39.282	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	663523	41.212	ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	683467	43.824	ng/ul	99
93) Benzo(a)pyrene	23.42	252	591833	42.257	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.87	276	763521	41.581	ng/ul	99
95) Dibenzo(a,h)anthracene	25.88	278	645506	41.014	ng/ul	99
96) Benzo(g,h,i)perylene	26.59	276	627017	41.050	ng/ul	99

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

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