Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004642.D
Acq On : 27 Jan 2021 09:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02083

Manual Integrations APPROVED
mohammad
1/28/2021 11:45:24 AM

Quant Time: Jan 27 11:33:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 11:31:03 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	43462	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	158923	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	135006	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	333036	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	386669	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	388789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	6764	8.04	ng/uL	0.00
5) Phenol-d5	6.95	99	59794	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	36111	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	44403	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	47147	19.54	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	20438	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	25567	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	60865	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	57814	22.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	195922	19.58	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	230387	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	27776	18.76	ng/ul	0.00
58) Fluorene-d10	15.43	176	175616	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	37372	18.57	ng/ul	0.00
71) Anthracene-d10	17.29	188	294316	19.87	ng/ul	0.00
79) Pyrene-d10	19.53	212	347796	18.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	387747	19.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	7406	8.533	ng/uL#	88
4) Benzaldehyde	6.93	77	46153	24.306	ng/ul	96
6) Phenol	6.98	94	63988	19.349	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	47637	19.992	ng/ul	98
10) 2-Chlorophenol	7.35	128	46279	19.567	ng/ul	96
11) 2-Methylphenol	8.23	108	48135	19.405	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.33	45	50425	20.208	ng/ul	98
14) Acetophenone	8.61	105	81550	19.433	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.60	70	45710	20.691	ng/ul	96
16) 4-Methylphenol	8.56	108	51625	19.741	ng/ul	94
17) Hexachloroethane	8.87	117	21803	19.980	ng/ul	96
20) Nitrobenzene	8.99	77	68770	19.954	ng/ul	100
21) Isophorone	9.52	82	120243	20.281	ng/ul	98
23) 2-Nitrophenol	9.70	139	27847	20.385	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	67008	20.129	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	64921	20.070	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	59168	19.634	ng/ul	96
28) Naphthalene	10.63	128	152041	19.571	ng/ul	98
30) 4-Chloroaniline	10.75	127	59980	22.475	ng/ul	95
31) Hexachlorobutadiene	10.92	225	53456	20.062	ng/ul	97
32) Caprolactam	11.51	113	14870m	19.479	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	59403	20.079	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	125687	19.760	ng/ul	99

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35) 1-Methylnaphthalene	12.47	142	119877	19.351 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	97871	19.360 ng/ul	99
38) Hexachlorocyclopentadiene	12.60	237	66332	18.326 ng/ul	99
39) 2,4,6-Trichlorophenol	12.86	196	57638	19.383 ng/ul	92
40) 2,4,5-Trichlorophenol	12.93	196	62964	19.638 ng/ul	95
41) 1,1'-Biphenyl	13.27	154	185067	19.449 ng/ul	99
42) 2-Chloronaphthalene	13.30	162	150202	19.370 ng/ul	96
43) 2-Nitroaniline	13.51	65	42349	20.343 ng/ul	97
45) Dimethylphthalate	13.90	163	198763	19.572 ng/ul	100
46) 2,6-Dinitrotoluene	14.01	165	37867	19.066 ng/ul	98
48) Acenaphthylene	14.16	152	209692	19.542 ng/ul	99
49) 3-Nitroaniline	14.34	138	30821	21.210 ng/ul	98
50) Acenaphthene	14.50	153	152190	19.383 ng/ul	97
51) 2,4-Dinitrophenol	14.54	184	24209	17.787 ng/ul	93
53) 4-Nitrophenol	14.64	109	37948	19.597 ng/ul	92
54) Dibenzofuran	14.83	168	237923	19.485 ng/ul	97
55) 2,4-Dinitrotoluene	14.80	165	53898	19.238 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.06	232	62485	20.015 ng/ul	98
57) Diethylphthalate	15.27	149	187717	19.462 ng/ul	99
59) Fluorene	15.49	166	200554	19.548 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.49	204	118770	19.268 ng/ul	98
61) 4-Nitroaniline	15.50	138	33642	20.018 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.56	198	37245	18.144 ng/ul#	98
65) N-Nitrosodiphenylamine	15.70	169	172086	19.624 ng/ul	98
66) 4-Bromophenyl-phenylether	16.38	248	80782	19.829 ng/ul	97
67) Hexachlorobenzene	16.49	284	88781	19.389 ng/ul	100
68) Atrazine	16.66	200	74782	18.556 ng/ul	100
69) Pentachlorophenol	16.83	266	54516	19.092 ng/ul	95
70) Phenanthrene	17.23	178	336470	19.562 ng/ul	98
72) Anthracene	17.32	178	343857	19.589 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	99286	19.378 ng/uL	97
74) Pentachlorobenzene	14.75	250	103119	19.215 ng/uL	97
75) Carbazole	17.59	167	284458	19.332 ng/ul	99
76) Di-n-butylphthalate	18.16	149	311647	19.441 ng/ul	99
77) Fluoranthene	19.20	202	427908	19.134 ng/ul	99
80) Pyrene	19.56	202	440489	18.578 ng/ul	99
81) Butylbenzylphthalate	20.43	149	132209	18.358 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.19	252	164936	20.049 ng/ul	99
83) Benzo(a)anthracene	21.26	228	460995	19.766 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	204949	18.735 ng/ul	99
85) Chrysene	21.31	228	443412	19.579 ng/ul	99
87) Di-n-octyl phthalate	22.10	149	329677	17.064 ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	467208	18.864 ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	463212	19.285 ng/ul#	98
91) Benzo(a)pyrene	23.49	252	404358	19.077 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.97	276	526803	19.335 ng/ul	99
93) Dibenzo(a,h)anthracene	25.99	278	445933	19.273 ng/ul	98
94) Benzo(g,h,i)perylene	26.70	276	443321	19.646 ng/ul	98

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

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