Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012721\
Data File : BP004635.D
Acq On : 26 Jan 2021 16:58
Operator : CG/JU
Sample : SSTD01078
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD01078

Manual Integrations APPROVED
mohammad
1/28/2021 11:45:08 AM

Quant Time: Jan 27 04:31:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP012721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 04:11:03 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	39007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	133213	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	109319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	270997	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	322533	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	321472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	3093	3.30	ng/uL	0.00
5) Phenol-d5	6.95	99	24843	7.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	15353	8.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	18609	6.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	19069	7.07	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	8540	7.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	10221	8.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	24766	10.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	18890	7.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	78874	9.01	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	94692	8.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	10495	6.64	ng/ul	0.00
58) Fluorene-d10	15.43	176	70852	9.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	13743	7.86	ng/ul	0.00
71) Anthracene-d10	17.29	188	117485	8.78	ng/ul	0.00
79) Pyrene-d10	19.53	212	147557	8.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	159628	9.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	3213	3.352	ng/uL	87
4) Benzaldehyde	6.93	77	18968	11.411	ng/ul	97
6) Phenol	6.98	94	27131	7.963	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	20018	7.341	ng/ul	97
10) 2-Chlorophenol	7.35	128	21334	7.703	ng/ul	89
11) 2-Methylphenol	8.23	108	19861	7.619	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.32	45	21870	7.113	ng/ul	98
14) Acetophenone	8.61	105	34935	8.829	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	17751	8.874	ng/ul	95
16) 4-Methylphenol	8.56	108	20885	7.496	ng/ul	81
17) Hexachloroethane	8.87	117	9261	7.784	ng/ul	95
20) Nitrobenzene	8.99	77	28689	10.805	ng/ul	98
21) Isophorone	9.52	82	46101	9.291	ng/ul	97
23) 2-Nitrophenol	9.70	139	11208	8.539	ng/ul	98
24) 2,4-Dimethylphenol	9.76	107	27726	11.220	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	26131m	8.430	ng/ul	
27) 2,4-Dichlorophenol	10.23	162	24776	11.035	ng/ul	98
28) Naphthalene	10.64	128	66093	8.831	ng/ul	97
30) 4-Chloroaniline	10.75	127	19777	7.881	ng/ul	93
31) Hexachlorobutadiene	10.93	225	22816	14.277	ng/ul	98
32) Caprolactam	11.51	113	5938m	8.118	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	23843	10.538	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	53101	10.286	ng/ul	95

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35) 1-Methylnaphthalene	12.47	142	51129	8.508 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	40802	10.479 ng/ul	98
38) Hexachlorocyclopentadiene	12.60	237	27225	12.241 ng/ul	99
39) 2,4,6-Trichlorophenol	12.86	196	23572	9.776 ng/ul	92
40) 2,4,5-Trichlorophenol	12.93	196	24784	9.731 ng/ul	97
41) 1,1'-Biphenyl	13.27	154	75878	8.497 ng/ul	99
42) 2-Chloronaphthalene	13.31	162	62569	8.780 ng/ul	97
43) 2-Nitroaniline	13.51	65	14849	8.233 ng/ul#	90
45) Dimethylphthalate	13.90	163	80267	9.156 ng/ul	100
46) 2,6-Dinitrotoluene	14.01	165	15093	8.262 ng/ul	97
48) Acenaphthylene	14.16	152	86199	8.120 ng/ul	98
49) 3-Nitroaniline	14.33	138	10660	6.915 ng/ul#	91
50) Acenaphthene	14.50	153	63007	8.471 ng/ul	99
51) 2,4-Dinitrophenol	14.54	184	9040	9.070 ng/ul	91
53) 4-Nitrophenol	14.64	109	14429	13.006 ng/ul	96
54) Dibenzofuran	14.84	168	97932	9.351 ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	21110	8.058 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.06	232	23751	10.542 ng/ul	98
57) Diethylphthalate	15.27	149	74826	8.677 ng/ul	98
59) Fluorene	15.49	166	80064	9.435 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.49	204	47462	10.457 ng/ul	99
61) 4-Nitroaniline	15.50	138	12731	7.857 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.56	198	14972	8.113 ng/ul#	88
65) N-Nitrosodiphenylamine	15.70	169	70548	8.665 ng/ul	97
66) 4-Bromophenyl-phenylether	16.39	248	32649	9.952 ng/ul	97
67) Hexachlorobenzene	16.49	284	35834	9.414 ng/ul	98
68) Atrazine	16.66	200	30616	9.970 ng/ul	96
69) Pentachlorophenol	16.83	266	20456	10.219 ng/ul	93
70) Phenanthrene	17.23	178	138525	8.802 ng/ul	99
72) Anthracene	17.33	178	141082	8.952 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	40742	9.286 ng/uL	97
74) Pentachlorobenzene	14.76	250	43256	9.952 ng/uL	97
75) Carbazole	17.60	167	118238	9.074 ng/ul	97
76) Di-n-butylphthalate	18.16	149	125423	7.663 ng/ul	99
77) Fluoranthene	19.20	202	181437	10.164 ng/ul	99
80) Pyrene	19.56	202	186539	8.493 ng/ul	99
81) Butylbenzylphthalate	20.44	149	55211	6.584 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.19	252	61306	9.159 ng/ul	98
83) Benzo(a)anthracene	21.26	228	189063	8.697 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	85262	6.874 ng/ul	98
85) Chrysene	21.31	228	185587	8.842 ng/ul	97
87) Di-n-octyl phthalate	22.10	149	141999	7.492 ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	194146	9.259 ng/ul	97
89) Benzo(k)fluoranthene	22.94	252	194161	9.544 ng/ul	99
91) Benzo(a)pyrene	23.49	252	171190	8.851 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.97	276	220362	9.018 ng/ul	95
93) Dibenzo(a,h)anthracene	26.00	278	188706	9.272 ng/ul	95
94) Benzo(g,h,i)perylene	26.70	276	184559	9.002 ng/ul	98

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

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