Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004942.D
Acq On : 09 Mar 2021 14:03
Operator : CG/JU
Sample : SSTD08079
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD08079

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:18 AM

Quant Time: Mar 09 14:33:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 14:05:06 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	36118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	164538	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	109817	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	253674	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	288805	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	274930	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	29479	33.13	ng/uL	0.00
5) Phenol-d5	6.92	99	240365	87.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	125499	88.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	191198	86.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	209212	93.76	ng/ul	0.01
19) Nitrobenzene-d5	8.90	128	100652	85.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	117379	86.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	225953	85.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	231611	79.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	674227	85.35	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	849842	87.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	123666	89.16	ng/ul	0.02
58) Fluorene-d10	15.39	176	587468	83.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	144259	86.86	ng/ul	0.01
71) Anthracene-d10	17.25	188	950279	83.43	ng/ul	0.00
79) Pyrene-d10	19.49	212	1109690	85.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1228292	87.91	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	29487	33.893	ng/uL	95
4) Benzaldehyde	6.89	77	106133	76.801	ng/ul	97
6) Phenol	6.95	94	254328	87.954	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.17	93	186770	87.440	ng/ul	98
10) 2-Chlorophenol	7.30	128	198621	86.517	ng/ul	97
11) 2-Methylphenol	8.19	108	203599	92.201	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.27	45	197347	91.100	ng/ul	98
14) Acetophenone	8.56	105	345434	93.785	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.56	70	164591	95.362	ng/ul	97
16) 4-Methylphenol	8.52	108	221222	93.443	ng/ul	95
17) Hexachloroethane	8.81	117	93187	92.505	ng/ul#	87
20) Nitrobenzene	8.94	77	252895	82.288	ng/ul	96
21) Isophorone	9.47	82	452906	86.355	ng/ul	97
23) 2-Nitrophenol	9.65	139	125918	86.552	ng/ul	92
24) 2,4-Dimethylphenol	9.72	107	271758	83.208	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.95	93	269700	83.292	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	221730	85.072	ng/ul	94
28) Naphthalene	10.58	128	683451	79.536	ng/ul	98
30) 4-Chloroaniline	10.70	127	237981	80.754	ng/ul	96
31) Hexachlorobutadiene	10.86	225	167589	80.951	ng/ul	94
32) Caprolactam	11.50	113	73172m	89.634	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	253399	87.136	ng/ul	92
34) 2-Methylnaphthalene	12.20	142	511147	83.285	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	496822	83.565 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	315514	82.683 ng/ul	98
38) Hexachlorocyclopentadiene	12.55	237	211824	87.278 ng/ul	98
39) 2,4,6-Trichlorophenol	12.82	196	196313	87.293 ng/ul	98
40) 2,4,5-Trichlorophenol	12.89	196	214768	87.555 ng/ul	98
41) 1,1'-Biphenyl	13.22	154	675949	83.831 ng/ul	99
42) 2-Chloronaphthalene	13.26	162	536212	83.165 ng/ul	97
43) 2-Nitroaniline	13.47	65	161329	93.970 ng/ul	96
45) Dimethylphthalate	13.85	163	679783	82.947 ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	150271	91.151 ng/ul	91
48) Acenaphthylene	14.11	152	788301	85.115 ng/ul	99
49) 3-Nitroaniline	14.30	138	120891	84.084 ng/ul	97
50) Acenaphthene	14.46	153	567058	83.970 ng/ul	99
51) 2,4-Dinitrophenol	14.51	184	103536	93.071 ng/ul#	89
53) 4-Nitrophenol	14.63	109	130610	89.695 ng/ul	93
54) Dibenzofuran	14.79	168	822468	83.031 ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	216319	90.441 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.02	232	204467	89.208 ng/ul#	98
57) Diethylphthalate	15.23	149	706578	87.229 ng/ul	97
59) Fluorene	15.45	166	705585	85.162 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.44	204	390335	84.803 ng/ul	97
61) 4-Nitroaniline	15.48	138	135247	81.566 ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.53	198	144698	86.304 ng/ul#	90
65) N-Nitrosodiphenylamine	15.66	169	603985	84.078 ng/ul	99
66) 4-Bromophenyl-phenylether	16.34	248	248235	85.577 ng/ul	93
67) Hexachlorobenzene	16.45	284	275886	82.985 ng/ul	90
68) Atrazine	16.62	200	248040	85.020 ng/ul	98
69) Pentachlorophenol	16.80	266	179766	87.370 ng/ul	94
70) Phenanthrene	17.19	178	1118547	82.851 ng/ul	98
72) Anthracene	17.29	178	1150359	83.668 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	314581	81.140 ng/uL	97
74) Pentachlorobenzene	14.71	250	320702	81.883 ng/uL	95
75) Carbazole	17.56	167	984736	82.568 ng/ul	100
76) Di-n-butylphthalate	18.12	149	1227836	90.283 ng/ul	98
77) Fluoranthene	19.17	202	1373886	82.659 ng/ul	98
80) Pyrene	19.52	202	1419373	84.753 ng/ul	99
81) Butylbenzylphthalate	20.39	149	567613	96.221 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	505336	84.082 ng/ul	98
83) Benzo(a)anthracene	21.22	228	1427952	82.061 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	870960	98.739 ng/ul#	98
85) Chrysene	21.27	228	1394879	82.393 ng/ul	100
87) Di-n-octyl phthalate	22.04	149	1426820	92.451 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	1502291	88.306 ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	1437786	85.297 ng/ul	100
91) Benzo(a)pyrene	23.44	252	1292935	85.924 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.90	276	1694837	87.031 ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	1455286	87.456 ng/ul	99
94) Benzo(g,h,i)perylene	26.62	276	1387748	85.441 ng/ul	97

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

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