Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004939.D
Acq On : 09 Mar 2021 12:18
Operator : CG/JU
Sample : SSTD01076
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD01076

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:12 AM

Quant Time: Mar 09 14:08:32 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	30699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	122038	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	190929	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	215502	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	214867	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3235	4.28	ng/uL	0.00
5) Phenol-d5	6.91	99	21336	9.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	12470	10.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	17950	9.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	18632	9.82	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	8842	10.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	9278	9.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	19030	9.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	21530	10.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	60275	10.19	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	72449	9.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	8584	8.27	ng/ul	0.00
58) Fluorene-d10	15.38	176	51054	9.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	10637	8.51	ng/ul	0.00
71) Anthracene-d10	17.24	188	84515	9.86	ng/ul	0.00
79) Pyrene-d10	19.48	212	99214	10.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	106352	9.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3226	4.363	ng/uL#	88
4) Benzaldehyde	6.88	77	14716	12.529	ng/ul	90
6) Phenol	6.93	94	24131	9.818	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.16	93	18309	10.085	ng/ul#	86
10) 2-Chlorophenol	7.30	128	18414	9.437	ng/ul	98
11) 2-Methylphenol	8.18	108	17436	9.290	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.27	45	20196	10.969	ng/ul	94
14) Acetophenone	8.56	105	31570	10.084	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	15352	10.465	ng/ul	94
16) 4-Methylphenol	8.51	108	19887	9.883	ng/ul	93
17) Hexachloroethane	8.80	117	8788	10.264	ng/ul	94
20) Nitrobenzene	8.93	77	24454	10.728	ng/ul	100
21) Isophorone	9.46	82	40068	10.300	ng/ul	98
23) 2-Nitrophenol	9.65	139	10520	9.749	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	24432	10.086	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	24302	10.119	ng/ul	96
27) 2,4-Dichlorophenol	10.18	162	18683	9.665	ng/ul	91
28) Naphthalene	10.58	128	63126	9.905	ng/ul	96
30) 4-Chloroaniline	10.69	127	22531	10.308	ng/ul	96
31) Hexachlorobutadiene	10.86	225	14599	9.508	ng/ul	97
32) Caprolactam	11.47	113	5559m	9.181	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	21630	10.028	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	44613	9.801	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	44520	10.096 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	27012	9.456 ng/ul	96
38) Hexachlorocyclopentadiene	12.55	237	15913	8.759 ng/ul	91
39) 2,4,6-Trichlorophenol	12.81	196	15359	9.124 ng/ul	98
40) 2,4,5-Trichlorophenol	12.88	196	16802	9.150 ng/ul	97
41) 1,1'-Biphenyl	13.22	154	59807	9.909 ng/ul	94
42) 2-Chloronaphthalene	13.25	162	47184	9.776 ng/ul	98
43) 2-Nitroaniline	13.46	65	13160	10.240 ng/ul	89
45) Dimethylphthalate	13.85	163	62476	10.184 ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	11726	9.502 ng/ul	94
48) Acenaphthylene	14.10	152	68863	9.933 ng/ul	98
49) 3-Nitroaniline	14.29	138	9694	9.007 ng/ul	94
50) Acenaphthene	14.45	153	50469	9.984 ng/ul	94
51) 2,4-Dinitrophenol	14.50	184	5777	6.937 ng/ul	97
53) 4-Nitrophenol	14.61	109	10766	9.877 ng/ul	92
54) Dibenzofuran	14.79	168	76233	10.281 ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	17386	9.711 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.02	232	15855	9.241 ng/ul#	97
57) Diethylphthalate	15.22	149	63735	10.511 ng/ul	97
59) Fluorene	15.44	166	61967	9.991 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	34763	10.089 ng/ul	99
61) 4-Nitroaniline	15.46	138	12573	10.130 ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.52	198	11337	8.984 ng/ul	96
65) N-Nitrosodiphenylamine	15.65	169	52653	9.738 ng/ul	94
66) 4-Bromophenyl-phenylether	16.33	248	20816	9.534 ng/ul	96
67) Hexachlorobenzene	16.45	284	23229	9.283 ng/ul	98
68) Atrazine	16.61	200	20605	9.384 ng/ul#	93
69) Pentachlorophenol	16.79	266	12040	7.775 ng/ul	96
70) Phenanthrene	17.19	178	99528	9.795 ng/ul	97
72) Anthracene	17.27	178	103175	9.970 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	27836	9.539 ng/uL	98
74) Pentachlorobenzene	14.70	250	27477	9.321 ng/uL	94
75) Carbazole	17.55	167	86037	9.585 ng/ul	99
76) Di-n-butylphthalate	18.11	149	99746	9.745 ng/ul	100
77) Fluoranthene	19.16	202	118907	9.505 ng/ul	98
80) Pyrene	19.51	202	126483	10.121 ng/ul	98
81) Butylbenzylphthalate	20.39	149	43226	9.820 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	38700	8.630 ng/ul	98
83) Benzo(a)anthracene	21.22	228	130138	10.023 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	64686	9.828 ng/ul	98
85) Chrysene	21.27	228	128826	10.198 ng/ul	98
87) Di-n-octyl phthalate	22.03	149	113740	9.430 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	133033	10.006 ng/ul	100
89) Benzo(k)fluoranthene	22.87	252	130465	9.903 ng/ul	99
91) Benzo(a)pyrene	23.42	252	116920	9.942 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	147730	9.707 ng/ul	97
93) Dibenzo(a,h)anthracene	25.89	278	124895	9.604 ng/ul	99
94) Benzo(g,h,i)perylene	26.59	276	122285	9.633 ng/ul	96

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

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