Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005094.D
Acq On : 30 Mar 2021 02:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02084

Manual Integrations APPROVED
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Quant Time: Mar 30 09:37:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 15:02:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	29356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	115321	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	72302	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	159833	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	170670	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	167770	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	6560	8.44	ng/uL	0.00
5) Phenol-d5	6.89	99	49760	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	26956	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	36832	20.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	37963	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	17933	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	19658	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	36765	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	45205	22.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	107576	20.49	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	134968	20.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	18149	21.17	ng/ul	0.00
58) Fluorene-d10	15.36	176	92161	20.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	19997	18.94	ng/ul	0.00
71) Anthracene-d10	17.22	188	143886	20.00	ng/ul	0.00
79) Pyrene-d10	19.47	212	164335	20.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	176612	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	6708	8.141	ng/uL	98
4) Benzaldehyde	6.86	77	31585	23.058	ng/ul	96
6) Phenol	6.91	94	52752	19.731	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	40403	20.257	ng/ul	96
10) 2-Chlorophenol	7.28	128	38971	20.475	ng/ul	94
11) 2-Methylphenol	8.16	108	39182	20.139	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.25	45	31033	20.667	ng/ul	94
14) Acetophenone	8.53	105	63993	19.840	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	31652	19.509	ng/ul	91
16) 4-Methylphenol	8.49	108	40891	19.317	ng/ul	90
17) Hexachloroethane	8.78	117	17057	20.312	ng/ul	93
20) Nitrobenzene	8.91	77	49941	20.893	ng/ul	99
21) Isophorone	9.44	82	85441	20.406	ng/ul	99
23) 2-Nitrophenol	9.62	139	20915	20.317	ng/ul	94
24) 2,4-Dimethylphenol	9.68	107	48534	20.678	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	51726	20.211	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	36224	19.571	ng/ul	92
28) Naphthalene	10.55	128	121964	20.091	ng/ul	100
30) 4-Chloroaniline	10.67	127	46667	21.842	ng/ul	98
31) Hexachlorobutadiene	10.83	225	25969	19.565	ng/ul	97
32) Caprolactam	11.45	113	12248m	20.038	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	42524	19.886	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	85708	19.732	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	83884	20.361 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	48106	20.046 ng/ul#	95
38) Hexachlorocyclopentadiene	12.52	237	27091	18.465 ng/ul	100
39) 2,4,6-Trichlorophenol	12.79	196	31354	21.151 ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	33626	21.106 ng/ul	96
41) 1,1'-Biphenyl	13.19	154	110747	20.347 ng/ul	98
42) 2-Chloronaphthalene	13.23	162	87833	20.699 ng/ul	95
43) 2-Nitroaniline	13.45	65	26756	21.281 ng/ul	90
45) Dimethylphthalate	13.83	163	108049	20.121 ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	22843	20.813 ng/ul	95
48) Acenaphthylene	14.09	152	126216	20.406 ng/ul	99
49) 3-Nitroaniline	14.27	138	22246	22.456 ng/ul	95
50) Acenaphthene	14.43	153	90319	20.322 ng/ul	98
51) 2,4-Dinitrophenol	14.49	184	13570	19.200 ng/ul	94
53) 4-Nitrophenol	14.59	109	18355	21.728 ng/ul	92
54) Dibenzofuran	14.77	168	133373	20.550 ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	33229	21.210 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.99	232	29342	19.852 ng/ul	97
57) Diethylphthalate	15.20	149	110283	20.904 ng/ul	98
59) Fluorene	15.42	166	108092	20.194 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	57436	19.939 ng/ul	97
61) 4-Nitroaniline	15.45	138	23276	21.738 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.50	198	20354	18.741 ng/ul	98
65) N-Nitrosodiphenylamine	15.63	169	93300	20.480 ng/ul	97
66) 4-Bromophenyl-phenylether	16.32	248	34804	19.910 ng/ul	95
67) Hexachlorobenzene	16.43	284	38570	18.910 ng/ul	95
68) Atrazine	16.59	200	36533	20.294 ng/ul	95
69) Pentachlorophenol	16.77	266	24985	18.978 ng/ul	95
70) Phenanthrene	17.17	178	171593	19.986 ng/ul	98
72) Anthracene	17.26	178	173530	19.996 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	48301	19.855 ng/uL	95
74) Pentachlorobenzene	14.69	250	46220	19.171 ng/uL	98
75) Carbazole	17.53	167	155052	20.654 ng/ul	96
76) Di-n-butylphthalate	18.09	149	183321	21.426 ng/ul	99
77) Fluoranthene	19.15	202	204450	20.146 ng/ul	99
80) Pyrene	19.50	202	211435	20.032 ng/ul	99
81) Butylbenzylphthalate	20.37	149	82420	21.320 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.14	252	74508	21.459 ng/ul	93
83) Benzo(a)anthracene	21.20	228	213579	20.212 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	125678	21.884 ng/ul	98
85) Chrysene	21.26	228	209378	20.292 ng/ul	99
87) Di-n-octyl phthalate	22.02	149	209328	20.875 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	224561	20.889 ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	213712	20.271 ng/ul	97
91) Benzo(a)pyrene	23.40	252	193771	20.769 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.84	276	248948	20.821 ng/ul	97
93) Dibenzo(a,h)anthracene	25.86	278	208784	20.761 ng/ul	99
94) Benzo(g,h,i)perylene	26.55	276	206619	20.618 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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