Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005078.D
Acq On : 29 Mar 2021 17:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02083

Manual Integrations APPROVED
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Quant Time: Mar 29 17:57:51 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	7.72	152	27888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	112861	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	73644	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	162900	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	173392	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	172743	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	5666	7.67	ng/uL	0.00
5) Phenol-d5	6.89	99	48498	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	26091	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	34280	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	38221	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	17390	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	19515	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	37853	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	45263	22.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	112417	21.02	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	141038	21.28	ng/ul	0.01
52) 4-Nitrophenol-d4	14.59	143	17268	19.77	ng/ul	0.00
58) Fluorene-d10	15.37	176	95349	20.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	20741	19.28	ng/ul	0.00
71) Anthracene-d10	17.23	188	150436	20.51	ng/ul	0.00
79) Pyrene-d10	19.48	212	170313	20.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	184099	20.75	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	6292	8.038	ng/uL#	96
4) Benzaldehyde	6.87	77	31183	23.963	ng/ul	98
6) Phenol	6.92	94	51646	20.334	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.15	93	40690	21.474	ng/ul	94
10) 2-Chlorophenol	7.29	128	36300	20.075	ng/ul	94
11) 2-Methylphenol	8.17	108	38079	20.602	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.25	45	28949	20.294	ng/ul	97
14) Acetophenone	8.55	105	63997	20.886	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	33110	21.482	ng/ul	97
16) 4-Methylphenol	8.49	108	42461	21.115	ng/ul	91
17) Hexachloroethane	8.79	117	16421	20.584	ng/ul	97
20) Nitrobenzene	8.92	77	49254	21.055	ng/ul	97
21) Isophorone	9.45	82	87931	21.459	ng/ul	97
23) 2-Nitrophenol	9.63	139	21066	20.909	ng/ul	96
24) 2,4-Dimethylphenol	9.69	107	49378	21.496	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.93	93	53048	21.180	ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	36421	20.107	ng/ul	91
28) Naphthalene	10.56	128	121244	20.407	ng/ul	99
30) 4-Chloroaniline	10.68	127	47812	22.866	ng/ul	98
31) Hexachlorobutadiene	10.85	225	25465	19.603	ng/ul	94
32) Caprolactam	11.46	113	12295m	20.553	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	43295	20.687	ng/ul	96
34) 2-Methylnaphthalene	12.18	142	85830	20.191	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	83174	20.629 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	48637	19.898 ng/ul	94
38) Hexachlorocyclopentadiene	12.53	237	28275	18.921 ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	31610	20.935 ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	34587	21.313 ng/ul	96
41) 1,1'-Biphenyl	13.20	154	114857	20.718 ng/ul	95
42) 2-Chloronaphthalene	13.25	162	89925	20.806 ng/ul	99
43) 2-Nitroaniline	13.46	65	28155	21.985 ng/ul	95
45) Dimethylphthalate	13.84	163	113509	20.753 ng/ul#	96
46) 2,6-Dinitrotoluene	13.96	165	24951	22.319 ng/ul	96
48) Acenaphthylene	14.09	152	129469	20.550 ng/ul	97
49) 3-Nitroaniline	14.29	138	22765	22.561 ng/ul	90
50) Acenaphthene	14.44	153	92773	20.493 ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	14200	19.725 ng/ul	91
53) 4-Nitrophenol	14.60	109	19427	22.578 ng/ul	94
54) Dibenzofuran	14.77	168	136808	20.695 ng/ul	95
55) 2,4-Dinitrotoluene	14.75	165	34388	21.550 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.00	232	31235	20.748 ng/ul	99
57) Diethylphthalate	15.21	149	113133	21.054 ng/ul	98
59) Fluorene	15.43	166	111468	20.446 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.43	204	60745	20.703 ng/ul	97
61) 4-Nitroaniline	15.46	138	23429	21.482 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.52	198	21711	19.614 ng/ul#	92
65) N-Nitrosodiphenylamine	15.65	169	98508	21.216 ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	36097	20.261 ng/ul	97
67) Hexachlorobenzene	16.43	284	41376	19.904 ng/ul	97
68) Atrazine	16.60	200	36746	20.028 ng/ul	95
69) Pentachlorophenol	16.79	266	26196	19.523 ng/ul	96
70) Phenanthrene	17.17	178	177949	20.336 ng/ul	98
72) Anthracene	17.27	178	185928	21.021 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	51086	20.604 ng/uL	96
74) Pentachlorobenzene	14.70	250	49026	19.952 ng/uL	98
75) Carbazole	17.55	167	162951	21.297 ng/ul	99
76) Di-n-butylphthalate	18.10	149	191331	21.941 ng/ul	99
77) Fluoranthene	19.15	202	215096	20.796 ng/ul	99
80) Pyrene	19.51	202	221972	20.700 ng/ul	99
81) Butylbenzylphthalate	20.39	149	84633	21.549 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.15	252	75831	21.497 ng/ul	95
83) Benzo(a)anthracene	21.22	228	222254	20.703 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	127986	21.936 ng/ul	99
85) Chrysene	21.27	228	217369	20.736 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	218795	21.190 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	229525	20.736 ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	229393	21.132 ng/ul	99
91) Benzo(a)pyrene	23.42	252	203431	21.176 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	258456	20.994 ng/ul	99
93) Dibenzo(a,h)anthracene	25.88	278	218413	21.093 ng/ul	98
94) Benzo(g,h,i)perylene	26.59	276	214492	20.787 ng/ul	95

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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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