Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005071.D
Acq On : 29 Mar 2021 11:01
Operator : CG/JU
Sample : SSTD01077
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD01077

Manual Integrations APPROVED
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Quant Time: Mar 29 12:09:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 12:06:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	26599	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	101921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	67805	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	148373	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	155297	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	155287	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2716	3.76	ng/uL	0.00
5) Phenol-d5	6.89	99	21022	8.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	11708	9.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	15442	9.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	16033	9.03	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	7541	9.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	8018	9.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	15280	9.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	18681	10.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	49654	10.11	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	59255	9.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	6104	7.27	ng/ul	0.00
58) Fluorene-d10	15.37	176	42083	10.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	8231	8.26	ng/ul	0.00
71) Anthracene-d10	17.23	188	65248	9.72	ng/ul	0.00
79) Pyrene-d10	19.47	212	73112	9.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	77567	9.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3246	4.294	ng/uL#	85
4) Benzaldehyde	6.86	77	14333	12.321	ng/ul	99
6) Phenol	6.92	94	22554	9.117	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	17207	9.450	ng/ul	98
10) 2-Chlorophenol	7.28	128	16344	9.557	ng/ul	95
11) 2-Methylphenol	8.16	108	16038	8.885	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.25	45	12910	9.513	ng/ul	93
14) Acetophenone	8.54	105	27918	9.483	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.52	70	14036	9.471	ng/ul#	92
16) 4-Methylphenol	8.49	108	17425	9.021	ng/ul	98
17) Hexachloroethane	8.79	117	7409	9.627	ng/ul	92
20) Nitrobenzene	8.92	77	21292	9.617	ng/ul	95
21) Isophorone	9.44	82	36793	9.597	ng/ul	99
23) 2-Nitrophenol	9.62	139	9167	10.029	ng/ul	95
24) 2,4-Dimethylphenol	9.69	107	20608	9.514	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.93	93	22355	9.720	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	15578	9.574	ng/ul#	87
28) Naphthalene	10.56	128	53705	10.014	ng/ul	97
30) 4-Chloroaniline	10.67	127	20128	10.708	ng/ul	99
31) Hexachlorobutadiene	10.84	225	11855	10.296	ng/ul	95
32) Caprolactam	11.45	113	4678m	8.450	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	18609	9.640	ng/ul	96
34) 2-Methylnaphthalene	12.17	142	37264	9.761	ng/ul	96

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35) 1-Methylnaphthalene	12.40	142	36205	9.868	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	21704	9.731	ng/ul#	96
38) Hexachlorocyclopentadiene	12.52	237	11584	8.551	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	12862	9.216	ng/ul#	96
40) 2,4,5-Trichlorophenol	12.86	196	14151	9.667	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	50379	9.947	ng/ul	98
42) 2-Chloronaphthalene	13.23	162	39104	9.665	ng/ul	93
43) 2-Nitroaniline	13.45	65	10908	8.999	ng/ul	97
45) Dimethylphthalate	13.83	163	50136	10.029	ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	9643	9.211	ng/ul	95
48) Acenaphthylene	14.09	152	56793	9.755	ng/ul	99
49) 3-Nitroaniline	14.28	138	8395	8.946	ng/ul	89
50) Acenaphthene	14.43	153	41156	9.962	ng/ul	97
51) 2,4-Dinitrophenol	14.49	184	4242	6.477	ng/ul#	90
53) 4-Nitrophenol	14.59	109	5836	6.788	ng/ul	87
54) Dibenzofuran	14.77	168	60702	10.046	ng/ul	100
55) 2,4-Dinitrotoluene	14.74	165	13826	9.307	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	12952	9.468	ng/ul	97
57) Diethylphthalate	15.20	149	48441	9.819	ng/ul	100
59) Fluorene	15.42	166	48998	9.702	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.42	204	26404	9.775	ng/ul	98
61) 4-Nitroaniline	15.45	138	8685	8.578	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.50	198	8853	8.867	ng/ul#	97
65) N-Nitrosodiphenylamine	15.63	169	41226	9.490	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	15701	9.903	ng/ul#	85
67) Hexachlorobenzene	16.43	284	19010	10.350	ng/ul	97
68) Atrazine	16.60	200	15791	9.342	ng/ul	97
69) Pentachlorophenol	16.77	266	10311	8.839	ng/ul	97
70) Phenanthrene	17.17	178	79459	9.833	ng/ul	97
72) Anthracene	17.26	178	78106	9.494	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	21598	9.362	ng/uL	96
74) Pentachlorobenzene	14.69	250	22341	10.126	ng/uL	100
75) Carbazole	17.54	167	67025	9.501	ng/ul#	95
76) Di-n-butylphthalate	18.10	149	75540	9.292	ng/ul	98
77) Fluoranthene	19.15	202	89102	9.512	ng/ul	99
80) Pyrene	19.50	202	94837	9.903	ng/ul	98
81) Butylbenzylphthalate	20.38	149	32252	9.172	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.14	252	26406	8.202	ng/ul#	89
83) Benzo(a)anthracene	21.21	228	93522	9.746	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	49357	9.330	ng/ul	99
85) Chrysene	21.26	228	94097	10.118	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	83716	8.434	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	99317	9.689	ng/ul	98
89) Benzo(k)fluoranthene	22.86	252	92867	9.385	ng/ul	94
91) Benzo(a)pyrene	23.41	252	85040	9.657	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.85	276	108291	9.616	ng/ul	96
93) Dibenzo(a,h)anthracene	25.86	278	89361	9.393	ng/ul	97
94) Benzo(g,h,i)perylene	26.57	276	88722	9.465	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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