Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031821\
Data File : BP004992.D
Acq On : 18 Mar 2021 09:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020008

Manual Integrations APPROVED
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3/18/2021 4:33:09 PM

Quant Time: Mar 18 10:41:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 15:02:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	43572	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	177492	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	116156	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	255994	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	281489	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	276323	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	7842	7.12	ng/uL	0.00
4) Pyridine-d5	3.64	84	44160	16.42	ng/ul	0.00
7) Phenol-d5	6.90	99	59503	16.82	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	32841	17.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	52541	18.47	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	48682	17.35	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	25132	18.52	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	27926	18.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	53899	18.26	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	68442	17.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	161678	18.22	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	183902	17.75	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	24508	15.71	ng/ul	0.00
60) Fluorene-d10	15.37	176	138547	18.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	30923	17.30	ng/ul	0.00
73) Anthracene-d10	17.23	188	216979	18.02	ng/ul	0.00
81) Pyrene-d10	19.48	212	251043	17.95	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	275653	18.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	7282	6.375	ng/uL	99
5) Pyridine	3.66	79	45563	16.416	ng/ul	97
6) Benzaldehyde	6.88	77	39303	21.369	ng/ul	96
8) Phenol	6.93	94	63444	17.187	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.16	93	49603	17.682	ng/ul	95
12) 2-Chlorophenol	7.29	128	53233	17.892	ng/ul	94
13) 2-Methylphenol	8.17	108	48864	17.383	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.26	45	47157	16.916	ng/ul#	92
16) Acetophenone	8.55	105	81867	17.754	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.53	70	37831	17.673	ng/ul	94
18) 4-Methylphenol	8.50	108	53489	17.869	ng/ul	90
19) Hexachloroethane	8.80	117	22375	17.394	ng/ul	97
22) Nitrobenzene	8.93	77	59472	17.176	ng/ul	98
23) Isophorone	9.45	82	104686	17.079	ng/ul	98
25) 2-Nitrophenol	9.63	139	29916	17.896	ng/ul	99
26) 2,4-Dimethylphenol	9.70	107	61879	17.665	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.93	93	65122	17.858	ng/ul	97
29) 2,4-Dichlorophenol	10.17	162	52952	18.241	ng/ul	97
30) Naphthalene	10.57	128	174104	17.803	ng/ul	100
32) 4-Chloroaniline	10.68	127	70288	17.316	ng/ul	96
33) Hexachlorobutadiene	10.85	225	39839	18.149	ng/ul	98
34) Caprolactam	11.46	113	16039m	16.729	ng/ul	

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35) 4-Chloro-3-methylphenol	11.81	107	55778	18.084	ng/ul	97
36) 2-Methylnaphthalene	12.19	142	125650	18.286	ng/ul	96
37) 1-Methylnaphthalene	12.41	142	126021	18.202	ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	75914	18.182	ng/ul	97
40) Hexachlorocyclopentadiene	12.53	237	43625	16.459	ng/ul	99
41) 2,4,6-Trichlorophenol	12.80	196	46911	18.120	ng/ul	97
42) 2,4,5-Trichlorophenol	12.87	196	49157	17.614	ng/ul	99
43) 1,1'-Biphenyl	13.21	154	163540	17.688	ng/ul	98
44) 2-Chloronaphthalene	13.25	162	131578	18.091	ng/ul	96
45) 2-Nitroaniline	13.46	65	33302	17.248	ng/ul	94
47) Dimethylphthalate	13.84	163	162735	17.826	ng/ul	98
48) 2,6-Dinitrotoluene	13.96	165	33385	18.054	ng/ul	93
50) Acenaphthylene	14.10	152	192393	18.101	ng/ul	98
51) 3-Nitroaniline	14.29	138	32050	18.658	ng/ul	89
52) Acenaphthene	14.45	153	133904	17.568	ng/ul	97
53) 2,4-Dinitrophenol	14.50	184	18185	15.000	ng/ul	93
55) 4-Nitrophenol	14.60	109	23079	15.703	ng/ul	99
56) Dibenzofuran	14.78	168	198449	18.076	ng/ul	97
57) 2,4-Dinitrotoluene	14.75	165	49310	18.865	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.01	232	45431	18.242	ng/ul#	96
59) Diethylphthalate	15.21	149	160005	17.874	ng/ul	99
61) Fluorene	15.43	166	164222	18.097	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.43	204	89668	18.220	ng/ul	98
63) 4-Nitroaniline	15.46	138	33262	19.710	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.52	198	31172	17.338	ng/ul	94
67) N-Nitrosodiphenylamine	15.65	169	140364	18.260	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	55410	18.443	ng/ul	93
69) Hexachlorobenzene	16.44	284	62904	18.660	ng/ul	93
70) Atrazine	16.60	200	53602	17.170	ng/ul	93
71) Pentachlorophenol	16.79	266	37985	17.149	ng/ul	97
72) Phenanthrene	17.18	178	259596	17.857	ng/ul	99
74) Anthracene	17.27	178	265209	18.059	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	77311	17.974	ng/uL	95
76) Pentachlorobenzene	14.70	250	78764	18.259	ng/uL	99
77) Carbazole	17.55	167	224095	17.381	ng/ul	99
78) Di-n-butylphthalate	18.10	149	256667	17.471	ng/ul	99
80) Fluoranthene	19.16	202	308687	17.578	ng/ul	98
82) Pyrene	19.51	202	322308	17.748	ng/ul	97
83) Butylbenzylphthalate	20.39	149	113662	17.396	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.15	252	114928	17.767	ng/ul	93
85) Benzo(a)anthracene	21.22	228	327736	18.034	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	171781	17.233	ng/ul#	95
87) Chrysene	21.27	228	315692	17.711	ng/ul	98
89) Di-n-octyl phthalate	22.03	149	287583	16.226	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	333456	17.997	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	335065	18.232	ng/ul	99
93) Benzo(a)pyrene	23.42	252	296587	18.211	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.87	276	383393	18.628	ng/ul	99
95) Dibenzo(a,h)anthracene	25.88	278	319222	18.547	ng/ul	97
96) Benzo(g,h,i)perylene	26.59	276	319329	18.465	ng/ul	97

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

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