Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031721\
Data File : BP004988.D
Acq On : 17 Mar 2021 13:52
Operator : CG/JU
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080001

Manual Integrations APPROVED
mohammad
3/18/2021 9:17:28 AM

Quant Time: Mar 17 14:28:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 13:18:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	44156	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	169177	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	108690	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	234809	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	242204	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	232320	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	34961	29.00	ng/uL	0.00
4) Pyridine-d5	3.63	84	241857	77.32	ng/ul	0.00
7) Phenol-d5	6.90	99	293952	77.16	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.07	67	154100	75.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	241958	82.87	ng/ul	0.00
15) 4-Methylphenol-d8	8.45	113	231088	75.27	ng/ul	0.01
21) Nitrobenzene-d5	8.89	128	118375	88.24	ng/ul	0.00
24) 2-Nitrophenol-d4	9.61	143	136818	92.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.15	165	253224	87.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	321254	81.10	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	706878	81.11	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	835986	86.56	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	127535	82.63	ng/ul	0.02
60) Fluorene-d10	15.38	176	605793	80.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.51	200	143320	87.07	ng/ul	0.01
73) Anthracene-d10	17.24	188	943404	82.50	ng/ul	0.00
81) Pyrene-d10	19.48	212	1046188	86.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.38	264	1099839	85.57	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	36552	27.480	ng/uL	95
5) Pyridine	3.66	79	238771	77.961	ng/ul	94
6) Benzaldehyde	6.88	77	119279	59.566	ng/ul	96
8) Phenol	6.93	94	306999	75.873	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.16	93	233049	76.927	ng/ul	97
12) 2-Chlorophenol	7.30	128	252505	81.722	ng/ul	100
13) 2-Methylphenol	8.18	108	233313	76.776	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.26	45	223239	70.445	ng/ul#	94
16) Acetophenone	8.56	105	384785	73.660	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.55	70	185192	76.195	ng/ul	98
18) 4-Methylphenol	8.52	108	248817	74.941	ng/ul	96
19) Hexachloroethane	8.80	117	105213	74.512	ng/ul	96
22) Nitrobenzene	8.93	77	275584	77.019	ng/ul	98
23) Isophorone	9.46	82	504923	81.257	ng/ul	98
25) 2-Nitrophenol	9.64	139	146298	91.163	ng/ul	97
26) 2,4-Dimethylphenol	9.70	107	290296	78.513	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.94	93	296806	79.678	ng/ul	99
29) 2,4-Dichlorophenol	10.17	162	249019	86.067	ng/ul	97
30) Naphthalene	10.57	128	789919	81.662	ng/ul	98
32) 4-Chloroaniline	10.69	127	324767	79.261	ng/ul	98
33) Hexachlorobutadiene	10.85	225	179728	81.245	ng/ul	99
34) Caprolactam	11.49	113	76012m	79.145	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	260776	78.022	ng/ul	98
36) 2-Methylnaphthalene	12.19	142	571783	83.551	ng/ul	97
37) 1-Methylnaphthalene	12.41	142	561360	80.893	ng/ul#	100
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	336920	86.327	ng/ul	98
40) Hexachlorocyclopentadiene	12.54	237	220149	85.895	ng/ul	98
41) 2,4,6-Trichlorophenol	12.80	196	212792	89.626	ng/ul	96
42) 2,4,5-Trichlorophenol	12.88	196	229554	90.248	ng/ul	98
43) 1,1'-Biphenyl	13.21	154	734407	82.866	ng/ul	99
44) 2-Chloronaphthalene	13.25	162	579591	83.888	ng/ul	97
45) 2-Nitroaniline	13.46	65	160883	80.643	ng/ul	95
47) Dimethylphthalate	13.85	163	712708	80.736	ng/ul	100
48) 2,6-Dinitrotoluene	13.97	165	156400	88.843	ng/ul	90
50) Acenaphthylene	14.10	152	847404	83.832	ng/ul	97
51) 3-Nitroaniline	14.30	138	127725	77.596	ng/ul	90
52) Acenaphthene	14.45	153	597126	80.853	ng/ul	97
53) 2,4-Dinitrophenol	14.50	184	105949	90.086	ng/ul	94
55) 4-Nitrophenol	14.62	109	117004	68.354	ng/ul	99
56) Dibenzofuran	14.79	168	863565	81.367	ng/ul	97
57) 2,4-Dinitrotoluene	14.76	165	222704	86.235	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.01	232	207680	88.203	ng/ul	99
59) Diethylphthalate	15.22	149	708067	78.489	ng/ul	99
61) Fluorene	15.44	166	728428	81.095	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.43	204	391606	80.784	ng/ul	98
63) 4-Nitroaniline	15.47	138	120976m	73.300	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.52	198	143962	84.014	ng/ul#	96
67) N-Nitrosodiphenylamine	15.65	169	610173	83.303	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	242214	84.311	ng/ul	96
69) Hexachlorobenzene	16.44	284	266626	82.952	ng/ul	98
70) Atrazine	16.62	200	242423	79.688	ng/ul	99
71) Pentachlorophenol	16.79	266	176835	87.158	ng/ul	97
72) Phenanthrene	17.18	178	1120625	81.324	ng/ul	99
74) Anthracene	17.27	178	1138907	80.741	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	344048	88.976	ng/uL	95
76) Pentachlorobenzene	14.70	250	341339	85.612	ng/uL	98
77) Carbazole	17.55	167	974110	77.966	ng/ul	99
78) Di-n-butylphthalate	18.10	149	1205733	84.508	ng/ul	99
80) Fluoranthene	19.16	202	1320241	88.021	ng/ul	98
82) Pyrene	19.51	202	1357847	85.967	ng/ul	99
83) Butylbenzylphthalate	20.39	149	527993	90.047	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.15	252	472725	81.624	ng/ul	95
85) Benzo(a)anthracene	21.22	228	1326060	82.855	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	798718	91.372	ng/ul#	97
87) Chrysene	21.27	228	1293207	81.796	ng/ul	100
89) Di-n-octyl phthalate	22.03	149	1291334	80.023	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1354173	83.661	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	1334952	85.143	ng/ul	99
93) Benzo(a)pyrene	23.43	252	1179336	83.757	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.88	276	1533157	83.052	ng/ul	99
95) Dibenzo(a,h)anthracene	25.89	278	1303514	82.383	ng/ul	99
96) Benzo(g,h,i)perylene	26.60	276	1260922	82.113	ng/ul	99

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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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