Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030821\
Data File : BP004933.D
Acq On : 08 Mar 2021 11:58
Operator : CG/JU
Sample : SSTD08006
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080060

Manual Integrations APPROVED
mohammad
3/9/2021 12:19:27 PM

Quant Time: Mar 08 12:32:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 08 11:29:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	35199	20.00	ng/ul	0.00
20) Naphthalene-d8	10.53	136	145469	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	94037	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.15	188	207592	20.00	ng/ul	0.00
79) Chrysene-d12	21.24	240	225547	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	215363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	30496	33.72	ng/uL	0.00
4) Pyridine-d5	3.64	84	211584	90.82	ng/ul	0.00
7) Phenol-d5	6.92	99	252207	83.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.08	67	131942	84.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.28	132	200782	85.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	205528	85.18	ng/ul	0.01
21) Nitrobenzene-d5	8.90	128	98869	85.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.62	143	115217	88.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.16	165	214576	85.79	ng/ul	0.00
31) 4-Chloroaniline-d4	10.67	131	276865	80.38	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	623235	82.88	ng/ul	0.00
49) Acenaphthylene-d8	14.08	160	729813	86.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	114726	82.87	ng/ul	0.01
60) Fluorene-d10	15.39	176	535169	81.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	125813	84.08	ng/ul	0.01
73) Anthracene-d10	17.25	188	844750	83.57	ng/ul	0.00
81) Pyrene-d10	19.49	212	966591	86.42	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	1017025	85.09	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	31127	33.471	ng/uL	92
5) Pyridine	3.66	79	205669	87.036	ng/ul	95
6) Benzaldehyde	6.88	77	103934	67.256	ng/ul	100
8) Phenol	6.94	94	268574	84.109	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.17	93	199710	84.599	ng/ul	98
12) 2-Chlorophenol	7.30	128	210657	85.238	ng/ul	98
13) 2-Methylphenol	8.19	108	201437	83.575	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.26	45	207508	138.791	ng/ul	99
16) Acetophenone	8.56	105	340044	82.875	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.56	70	167258	87.511	ng/ul	100
18) 4-Methylphenol	8.52	108	220615	84.890	ng/ul	98
19) Hexachloroethane	8.81	117	93414	85.360	ng/ul	94
22) Nitrobenzene	8.94	77	255295	84.491	ng/ul	98
23) Isophorone	9.47	82	455626	86.946	ng/ul	99
25) 2-Nitrophenol	9.65	139	121451	85.699	ng/ul	97
26) 2,4-Dimethylphenol	9.72	107	265772	84.253	ng/ul	93
27) Bis(2-Chloroethoxy)methane	9.95	93	264874	82.901	ng/ul	98
29) 2,4-Dichlorophenol	10.18	162	215772	86.058	ng/ul	98
30) Naphthalene	10.58	128	680521	82.192	ng/ul	99
32) 4-Chloroaniline	10.70	127	286442	81.458	ng/ul	98
33) Hexachlorobutadiene	10.86	225	155566	81.603	ng/ul	98
34) Caprolactam	11.50	113	68484m	81.709	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	243272	85.560	ng/ul	96
36) 2-Methylnaphthalene	12.20	142	491118	82.167	ng/ul	98
37) 1-Methylnaphthalene	12.42	142	488006	82.065	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	286383	83.186	ng/ul	99
40) Hexachlorocyclopentadiene	12.55	237	189501	84.608	ng/ul	98
41) 2,4,6-Trichlorophenol	12.82	196	182589	87.486	ng/ul	99
42) 2,4,5-Trichlorophenol	12.89	196	195882	87.720	ng/ul	94
43) 1,1'-Biphenyl	13.22	154	638651	84.601	ng/ul	99
44) 2-Chloronaphthalene	13.26	162	501444	84.044	ng/ul	98
45) 2-Nitroaniline	13.47	65	156699	97.101	ng/ul	95
47) Dimethylphthalate	13.85	163	633107	81.656	ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	137679	89.012	ng/ul	95
50) Acenaphthylene	14.11	152	741374	84.496	ng/ul	99
51) 3-Nitroaniline	14.30	138	113544	77.475	ng/ul	97
52) Acenaphthene	14.46	153	535044	83.604	ng/ul	98
53) 2,4-Dinitrophenol	14.51	184	93504	89.290	ng/ul	95
55) 4-Nitrophenol	14.63	109	122970	84.915	ng/ul	99
56) Dibenzofuran	14.79	168	758282	81.900	ng/ul	96
57) 2,4-Dinitrotoluene	14.76	165	198596	89.660	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.02	232	179236	87.361	ng/ul	98
59) Diethylphthalate	15.22	149	652622	83.637	ng/ul	99
61) Fluorene	15.45	166	650513	83.309	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	344791	82.126	ng/ul	99
63) 4-Nitroaniline	15.47	138	108325	75.235	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.53	198	127657	83.861	ng/ul#	96
67) N-Nitrosodiphenylamine	15.66	169	545079	84.446	ng/ul	98
68) 4-Bromophenyl-phenylether	16.33	248	210121	85.449	ng/ul	97
69) Hexachlorobenzene	16.45	284	231157	79.929	ng/ul	94
70) Atrazine	16.62	200	217910	81.551	ng/ul	97
71) Pentachlorophenol	16.80	266	154199	85.651	ng/ul	95
72) Phenanthrene	17.19	178	1003344	82.950	ng/ul	99
74) Anthracene	17.28	178	1034731	83.719	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.18	216	288951	84.480	ng/uL	94
76) Pentachlorobenzene	14.71	250	292717	81.412	ng/uL	98
77) Carbazole	17.56	167	894045	80.717	ng/ul	99
78) Di-n-butylphthalate	18.11	149	1129636	89.208	ng/ul	99
80) Fluoranthene	19.16	202	1205975	86.270	ng/ul	99
82) Pyrene	19.52	202	1238550	85.068	ng/ul	99
83) Butylbenzylphthalate	20.39	149	514345	93.307	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.16	252	448842	80.582	ng/ul	99
85) Benzo(a)anthracene	21.22	228	1243107	82.883	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	783119	95.276	ng/ul	98
87) Chrysene	21.27	228	1206165	81.920	ng/ul	99
89) Di-n-octyl phthalate	22.04	149	1292692	88.868	ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	1296092	87.814	ng/ul	98
91) Benzo(k)fluoranthene	22.89	252	1201604	82.969	ng/ul	98
93) Benzo(a)pyrene	23.44	252	1105370	85.149	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.89	276	1393500	82.954	ng/ul	99
95) Dibenzo(a,h)anthracene	25.91	278	1201923	83.250	ng/ul	98
96) Benzo(g,h,i)perylene	26.62	276	1150411	82.305	ng/ul	97

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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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