Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021320\
Data File : BP001741.D
Acq On : 13 Feb 2020 17:20
Operator : CG/JU
Sample : SSTD04080
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD04080

Manual Integrations APPROVED
mohammad
2/17/2020 3:48:10 PM

Quant Time: Feb 14 12:17:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 11:48:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	250519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1207687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	803428	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1788788	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1951728	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2396139	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	80958	13.92	ng/uL	0.00
5) Phenol-d5	6.88	99	889061	46.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	519988	47.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	688089	44.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	727289	48.69	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	389882	49.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	332520	44.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	761259	42.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	975363	48.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	2431139	44.57	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	3071384	44.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	450404	46.30	ng/ul	0.01
58) Fluorene-d10	15.34	176	2187566	43.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	290472	39.43	ng/ul	0.00
71) Anthracene-d10	17.19	188	3411547	43.56	ng/ul	0.00
79) Pyrene-d10	19.43	212	3970014	40.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	4962768	43.43	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	87889	14.168	ng/uL	99
4) Benzaldehyde	6.85	77	614518	53.065	ng/ul	98
6) Phenol	6.90	94	954290	47.606	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.13	93	748395	46.651	ng/ul	99
10) 2-Chlorophenol	7.28	128	719838	44.392	ng/ul	99
11) 2-Methylphenol	8.15	108	733116	48.767	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.24	45	969012	49.470	ng/ul	99
14) Acetophenone	8.52	105	1223040	53.196	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	620823	57.983	ng/ul	98
16) 4-Methylphenol	8.48	108	812782	49.837	ng/ul	97
17) Hexachloroethane	8.78	117	296015	45.573	ng/ul	99
20) Nitrobenzene	8.89	77	937517	46.969	ng/ul	98
21) Isophorone	9.42	82	1831175	50.680	ng/ul	99
23) 2-Nitrophenol	9.60	139	394952	45.219	ng/ul	98
24) 2,4-Dimethylphenol	9.67	107	877953	44.103	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.90	93	1115772	45.211	ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	772906	42.489	ng/ul	100
28) Naphthalene	10.53	128	2650670	41.702	ng/ul	99
30) 4-Chloroaniline	10.64	127	994654	48.909	ng/ul	98
31) Hexachlorobutadiene	10.84	225	493803	38.691	ng/ul	99
32) Caprolactam	11.39	113	269255m	51.821	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	813500	47.968	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	1928884	44.370	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	1920940	44.681	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	1032496	38.922	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	614761	39.103	ng/ul	99
39) 2,4,6-Trichlorophenol	12.76	196	593810	41.243	ng/ul	100
40) 2,4,5-Trichlorophenol	12.83	196	661137	41.581	ng/ul	99
41) 1,1'-Biphenyl	13.17	154	2528598	40.737	ng/ul	99
42) 2-Chloronaphthalene	13.21	162	2002634	40.727	ng/ul	99
43) 2-Nitroaniline	13.41	65	543718	55.652	ng/ul	98
45) Dimethylphthalate	13.80	163	2545845	43.968	ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	534462	53.103	ng/ul	94
48) Acenaphthylene	14.06	152	3248399	43.711	ng/ul	100
49) 3-Nitroaniline	14.24	138	516296	51.204	ng/ul	100
50) Acenaphthene	14.40	153	2184188	42.557	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	161869	37.293	ng/ul	95
53) 4-Nitrophenol	14.55	109	349093	48.293	ng/ul	99
54) Dibenzofuran	14.75	168	3055273	42.837	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	782949	53.770	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.97	232	571025	44.686	ng/ul	99
57) Diethylphthalate	15.19	149	2540908	46.612	ng/ul	99
59) Fluorene	15.40	166	2573109	44.984	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	1274356	42.299	ng/ul	99
61) 4-Nitroaniline	15.40	138	621262	53.978	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	331499	40.394	ng/ul	99
65) N-Nitrosodiphenylamine	15.61	169	2142362	41.444	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	800247	40.437	ng/ul	98
67) Hexachlorobenzene	16.41	284	892428	38.814	ng/ul	97
68) Atrazine	16.57	200	805066	43.200	ng/ul	99
69) Pentachlorophenol	16.75	266	454684	39.139	ng/ul	99
70) Phenanthrene	17.14	178	4159047	42.386	ng/ul	98
72) Anthracene	17.23	178	4193834	43.296	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	1118213	36.892	ng/uL	99
74) Pentachlorobenzene	14.67	250	1123604	38.127	ng/uL	99
75) Carbazole	17.50	167	3752219	46.451	ng/ul	99
76) Di-n-butylphthalate	18.08	149	4228314	49.353	ng/ul	100
77) Fluoranthene	19.11	202	5034349	48.732	ng/ul	98
80) Pyrene	19.46	202	5293528	40.231	ng/ul	99
81) Butylbenzylphthalate	20.36	149	1859330	45.865	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.11	252	1679230	40.983	ng/ul	99
83) Benzo(a)anthracene	21.17	228	5417380	41.487	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.13	149	3021575	45.215	ng/ul	99
85) Chrysene	21.22	228	5182342	39.542	ng/ul	98
87) Di-n-octyl phthalate	22.01	149	4935858	42.137	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	5896885	41.787	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	5965814	42.035	ng/ul	100
91) Benzo(a)pyrene	23.34	252	5609047	43.061	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.71	276	7581477	46.753	ng/ul	98
93) Dibenzo(a,h)anthracene	25.73	278	6288434	46.170	ng/ul	100
94) Benzo(g,h,i)perylene	26.40	276	6429373	47.160	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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