Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001898.D
Acq On : 25 Feb 2020 14:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02095

Manual Integrations APPROVED
mohammad
2/25/2020 3:44:39 PM

Quant Time: Feb 25 14:53:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	416386	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.42	136	1809612	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.29	164	1182784	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2744515	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2802619	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2888030	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	75662	7.55	ng/uL	-0.01
5) Phenol-d5	6.83	99	698875	22.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	373623	20.44	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.19	132	602113	23.68	ng/ul	-0.01
13) 4-Methylphenol-d8	8.36	113	590363	23.66	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	292275	23.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	318445	28.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.05	165	647998	24.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	737097	23.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1892051	22.80	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2340595	22.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	359732	24.89	ng/ul	0.00
58) Fluorene-d10	15.29	176	1702625	22.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	264079	24.41	ng/ul	0.00
71) Anthracene-d10	17.14	188	2647863	21.90	ng/ul	0.00
79) Pyrene-d10	19.38	212	3114308	21.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3195960	22.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	79373	7.382	ng/uL	95
4) Benzaldehyde	6.79	77	443480	23.027	ng/ul	99
6) Phenol	6.86	94	728409	21.847	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	579229	21.543	ng/ul	96
10) 2-Chlorophenol	7.22	128	614974	22.864	ng/ul	98
11) 2-Methylphenol	8.09	108	573508	22.720	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	639273	19.956	ng/ul	97
14) Acetophenone	8.46	105	876687	22.735	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	407533	22.794	ng/ul	96
16) 4-Methylphenol	8.42	108	627955	23.104	ng/ul	98
17) Hexachloroethane	8.72	117	239118	22.349	ng/ul	94
20) Nitrobenzene	8.83	77	651673	21.461	ng/ul	95
21) Isophorone	9.36	82	1250992	22.414	ng/ul	98
23) 2-Nitrophenol	9.54	139	356256	26.837	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	670028	22.474	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.85	93	796557	21.090	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	641123	23.712	ng/ul	99
28) Naphthalene	10.48	128	2071890	21.425	ng/ul	100
30) 4-Chloroaniline	10.58	127	738360	23.447	ng/ul	99
31) Hexachlorobutadiene	10.78	225	426882	22.328	ng/ul	99
32) Caprolactam	11.32	113	205541m	25.161	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	643295	24.988	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	1479018	22.187	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	1463145	22.272	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	837333	21.734	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	423148	20.334	ng/ul	99
39) 2,4,6-Trichlorophenol	12.71	196	538226	26.138	ng/ul	100
40) 2,4,5-Trichlorophenol	12.78	196	585653	25.833	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1980549	21.479	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	1570088	21.565	ng/ul	100
43) 2-Nitroaniline	13.35	65	370475	25.350	ng/ul	91
45) Dimethylphthalate	13.75	163	1956154	22.392	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	413823	27.181	ng/ul	90
48) Acenaphthylene	14.00	152	2457381	22.162	ng/ul	100
49) 3-Nitroaniline	14.19	138	395155	25.493	ng/ul	94
50) Acenaphthene	14.35	153	1644359	21.703	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	157263	24.892	ng/ul	95
53) 4-Nitrophenol	14.50	109	259895	24.287	ng/ul	94
54) Dibenzofuran	14.69	168	2349582	22.020	ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	605862	27.027	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.92	232	520363	28.400	ng/ul	94
57) Diethylphthalate	15.13	149	1949562	23.339	ng/ul	99
59) Fluorene	15.34	166	1863924	21.958	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	975410	22.142	ng/ul	99
61) 4-Nitroaniline	15.35	138	450386	25.735	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	292802	24.264	ng/ul	98
65) N-Nitrosodiphenylamine	15.55	169	1660874	21.107	ng/ul	100
66) 4-Bromophenyl-phenylether	16.24	248	665256	22.084	ng/ul	99
67) Hexachlorobenzene	16.35	284	757834	21.800	ng/ul	97
68) Atrazine	16.52	200	656257	23.133	ng/ul	98
69) Pentachlorophenol	16.70	266	437357	25.986	ng/ul	98
70) Phenanthrene	17.08	178	3192473	21.093	ng/ul	99
72) Anthracene	17.17	178	3199408	21.400	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	907744	20.176	ng/uL	98
74) Pentachlorobenzene	14.62	250	907457	20.693	ng/uL	99
75) Carbazole	17.44	167	2868477	23.006	ng/ul	100
76) Di-n-butylphthalate	18.02	149	3347475	24.397	ng/ul	99
77) Fluoranthene	19.06	202	3993410	24.639	ng/ul	98
80) Pyrene	19.41	202	4002240	20.994	ng/ul	98
81) Butylbenzylphthalate	20.30	149	1586257	26.803	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.05	252	1375035	22.687	ng/ul	99
83) Benzo(a)anthracene	21.12	228	3935829	21.325	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2386702	24.340	ng/ul	99
85) Chrysene	21.17	228	3702942	20.537	ng/ul	98
87) Di-n-octyl phthalate	21.94	149	4135209	28.590	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	4077571	23.995	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	3951084	22.430	ng/ul	99
91) Benzo(a)pyrene	23.25	252	3538857	22.221	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	4148553	20.854	ng/ul	98
93) Dibenzo(a,h)anthracene	25.60	278	3468718	20.760	ng/ul	97
94) Benzo(g,h,i)perylene	26.26	276	3426660	20.262	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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