Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004296.D
Acq On : 15 Dec 2020 04:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02090

Manual Integrations APPROVED
mohammad
12/17/2020 9:52:30 AM

Quant Time: Dec 15 08:35:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	399266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1685506	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	1024571	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2216839	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	2186310	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2345670	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	68778	6.05	ng/uL	0.00
5) Phenol-d5	7.00	99	622621	18.85	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	347034	16.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	503386	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	507418	20.33	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	257373	18.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	283451	24.89	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	531879	21.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	631615	20.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1430821	18.27	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1836594	18.38	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	259273	19.60	ng/ul	0.02
58) Fluorene-d10	15.48	176	1284886	18.12	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.61	200	158739	14.92	ng/ul	0.03
71) Anthracene-d10	17.35	188	1943323	17.99	ng/ul	0.01
79) Pyrene-d10	19.59	212	2166540	19.02	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.54	264	2267968	18.35	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	81859	6.931	ng/uL	95
4) Benzaldehyde	6.98	77	292378m	16.855	ng/ul	
6) Phenol	7.03	94	637930	18.498	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	500588	17.609	ng/ul	98
10) 2-Chlorophenol	7.40	128	500861	19.059	ng/ul	98
11) 2-Methylphenol	8.28	108	492617	19.804	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	575647	16.939	ng/ul	99
14) Acetophenone	8.66	105	754291	19.116	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	368781	19.291	ng/ul	99
16) 4-Methylphenol	8.60	108	523873	19.677	ng/ul	98
17) Hexachloroethane	8.92	117	206184	17.083	ng/ul	92
20) Nitrobenzene	9.03	77	589676	17.300	ng/ul	97
21) Isophorone	9.56	82	1100776	19.130	ng/ul	99
23) 2-Nitrophenol	9.75	139	291220	22.369	ng/ul	99
24) 2,4-Dimethylphenol	9.80	107	562296	19.139	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	678987	17.325	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	506443	19.937	ng/ul	99
28) Naphthalene	10.69	128	1666665	17.442	ng/ul	99
30) 4-Chloroaniline	10.79	127	593936	19.686	ng/ul	97
31) Hexachlorobutadiene	10.97	225	355806	18.131	ng/ul	99
32) Caprolactam	11.55	113	164772	22.590	ng/ul	91
33) 4-Chloro-3-methylphenol	11.92	107	514957	21.561	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	1160457	18.051	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	1349890	18.083	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	661757	17.734	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	326239	15.237	ng/ul	99
39) 2,4,6-Trichlorophenol	12.91	196	415427	23.067	ng/ul	99
40) 2,4,5-Trichlorophenol	12.98	196	439798	21.840	ng/ul	97
41) 1,1'-Biphenyl	13.32	154	1504909	17.515	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	1206542	17.612	ng/ul	99
43) 2-Nitroaniline	13.56	65	312983	20.940	ng/ul	95
45) Dimethylphthalate	13.94	163	1436337	18.008	ng/ul	98
46) 2,6-Dinitrotoluene	14.06	165	309344	20.828	ng/ul	93
48) Acenaphthylene	14.20	152	1796399	18.111	ng/ul	99
49) 3-Nitroaniline	14.39	138	300247	22.836	ng/ul	93
50) Acenaphthene	14.55	153	1244720	17.724	ng/ul	99
51) 2,4-Dinitrophenol	14.60	184	83564	13.010	ng/ul	97
53) 4-Nitrophenol	14.70	109	185043	18.957	ng/ul	94
54) Dibenzofuran	14.89	168	1759474	17.781	ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	429224	20.363	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.12	232	383386	23.341	ng/ul#	94
57) Diethylphthalate	15.31	149	1418288	18.946	ng/ul	99
59) Fluorene	15.54	166	1419129	17.931	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	750921	17.896	ng/ul	99
61) 4-Nitroaniline	15.55	138	324276	23.195	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.62	198	171305	14.838	ng/ul	100
65) N-Nitrosodiphenylamine	15.75	169	1196248	18.142	ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	483509	18.755	ng/ul	96
67) Hexachlorobenzene	16.55	284	551404	17.840	ng/ul	96
68) Atrazine	16.70	200	453803	19.833	ng/ul	100
69) Pentachlorophenol	16.89	266	287466	20.219	ng/ul	97
70) Phenanthrene	17.29	178	2266453	17.330	ng/ul	100
72) Anthracene	17.38	178	2290778	17.704	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	657182	17.671	ng/uL	99
74) Pentachlorobenzene	14.80	250	642565	17.869	ng/uL	100
75) Carbazole	17.65	167	1976390	18.770	ng/ul	99
76) Di-n-butylphthalate	18.20	149	2391318	21.316	ng/ul	99
77) Fluoranthene	19.26	202	2687503	19.245	ng/ul	99
80) Pyrene	19.62	202	2718877	18.436	ng/ul	96
81) Butylbenzylphthalate	20.49	149	1072334	26.344	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.25	252	574430	15.178	ng/ul	99
83) Benzo(a)anthracene	21.32	228	2638509	18.309	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	1550684	23.525	ng/ul	99
85) Chrysene	21.37	228	2488111	17.599	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	2628482	23.687	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	2619293	17.608	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	2632623	17.232	ng/ul	99
91) Benzo(a)pyrene	23.60	252	2462415	17.739	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.14	276	3119510	17.920	ng/ul	98
93) Dibenzo(a,h)anthracene	26.14	278	2603967	17.847	ng/ul	99
94) Benzo(g,h,i)perylene	26.88	276	2628005	17.994	ng/ul	96

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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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