Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004358.D
Acq On : 18 Dec 2020 15:29
Operator : CG/JU
Sample : SSTD04079
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD04079

Manual Integrations APPROVED
mohammad
12/21/2020 10:43:03 AM

Quant Time: Dec 18 16:04:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 15:27:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	237279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	972780	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	592153	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1301762	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1342316	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1455988	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	90194	13.35	ng/uL	0.00
5) Phenol-d5	6.99	99	844890	43.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	472840	38.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	681192	45.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	675928	45.57	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	342746	43.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	378173	57.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	701218	48.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	867065	48.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1905920	42.11	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	2375656	41.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	360576	47.17	ng/ul	0.00
58) Fluorene-d10	15.47	176	1672490	40.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	352089	56.37	ng/ul	0.00
71) Anthracene-d10	17.33	188	2565495	40.44	ng/ul	0.00
79) Pyrene-d10	19.57	212	2929320	41.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	3243992	42.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	92172	13.131	ng/uL#	95
4) Benzaldehyde	6.97	77	456858	44.316	ng/ul	98
6) Phenol	7.02	94	853822	41.661	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	679650	40.229	ng/ul	98
10) 2-Chlorophenol	7.39	128	679566	43.512	ng/ul	98
11) 2-Methylphenol	8.26	108	652362	44.129	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	762688	37.765	ng/ul	99
14) Acetophenone	8.65	105	996709	42.505	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	487734	42.932	ng/ul	99
16) 4-Methylphenol	8.59	108	699545	44.214	ng/ul	99
17) Hexachloroethane	8.90	117	286957	40.008	ng/ul	98
20) Nitrobenzene	9.02	77	780521	39.677	ng/ul	99
21) Isophorone	9.55	82	1456142	43.847	ng/ul	98
23) 2-Nitrophenol	9.73	139	394153	52.458	ng/ul	99
24) 2,4-Dimethylphenol	9.80	107	734119	43.295	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	906294	40.069	ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	666320	45.449	ng/ul	99
28) Naphthalene	10.68	128	2175743	39.453	ng/ul	99
30) 4-Chloroaniline	10.78	127	815018	46.807	ng/ul	100
31) Hexachlorobutadiene	10.96	225	466417	41.182	ng/ul	98
32) Caprolactam	11.54	113	219454m	52.131	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	673190	48.837	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	1504331	40.545	ng/ul	98

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35) 1-Methylnaphthalene	12.51	142	1740459	40.398	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	857766	39.772	ng/ul	99
38) Hexachlorocyclopentadiene	12.64	237	503348	40.675	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	545063	52.365	ng/ul	100
40) 2,4,5-Trichlorophenol	12.97	196	584219	50.199	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	1943333	39.134	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	1558516	39.363	ng/ul	100
43) 2-Nitroaniline	13.55	65	408211	47.255	ng/ul	97
45) Dimethylphthalate	13.93	163	1895772	41.125	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	419423	48.862	ng/ul	97
48) Acenaphthylene	14.19	152	2301299	40.145	ng/ul	100
49) 3-Nitroaniline	14.37	138	380590	50.086	ng/ul	100
50) Acenaphthene	14.54	153	1610604	39.682	ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	225835	60.834	ng/ul	94
53) 4-Nitrophenol	14.69	109	251124	44.514	ng/ul	98
54) Dibenzofuran	14.87	168	2263096	39.573	ng/ul	99
55) 2,4-Dinitrotoluene	14.85	165	591979	48.594	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.10	232	512321	53.968	ng/ul	98
57) Diethylphthalate	15.30	149	1880390	43.461	ng/ul	99
59) Fluorene	15.53	166	1816280	39.709	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.52	204	973434	40.141	ng/ul	99
61) 4-Nitroaniline	15.55	138	387445	47.952	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.62	198	370772	54.690	ng/ul#	98
65) N-Nitrosodiphenylamine	15.74	169	1557137	40.215	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	638180	42.155	ng/ul	99
67) Hexachlorobenzene	16.54	284	727628	40.090	ng/ul	99
68) Atrazine	16.69	200	612942	45.619	ng/ul	99
69) Pentachlorophenol	16.89	266	397399	47.600	ng/ul	99
70) Phenanthrene	17.28	178	2996929	39.023	ng/ul	100
72) Anthracene	17.37	178	2999892	39.482	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	860180	39.387	ng/uL	99
74) Pentachlorobenzene	14.80	250	830410	39.327	ng/uL	99
75) Carbazole	17.64	167	2621933	42.405	ng/ul	98
76) Di-n-butylphthalate	18.20	149	3198261	48.549	ng/ul	100
77) Fluoranthene	19.25	202	3634131	44.317	ng/ul	99
80) Pyrene	19.60	202	3658687	40.407	ng/ul	99
81) Butylbenzylphthalate	20.48	149	1469018	58.781	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	1272310	54.756	ng/ul	100
83) Benzo(a)anthracene	21.32	228	3604570	40.739	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	2109380	52.121	ng/ul	99
85) Chrysene	21.37	228	3471816	39.998	ng/ul	99
87) Di-n-octyl phthalate	22.15	149	3674648	53.348	ng/ul	100
88) Benzo(b)fluoranthene	22.97	252	3830346	41.484	ng/ul	100
89) Benzo(k)fluoranthene	23.02	252	3718121	39.210	ng/ul	100
91) Benzo(a)pyrene	23.59	252	3520236	40.856	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.12	276	4480485	41.465	ng/ul	100
93) Dibenzo(a,h)anthracene	26.13	278	3744183	41.343	ng/ul	100
94) Benzo(g,h,i)perylene	26.86	276	3765370	41.536	ng/ul	100

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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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