Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004361.D
Acq On : 18 Dec 2020 17:19
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SICV85

Quant Time: Dec 18 17:46:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 17:12:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	247218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1042200	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	653558	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	1434014	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1514344	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1638608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	44460	7.48	ng/uL	0.00
5) Phenol-d5	6.99	99	407986	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	231392	19.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	327398	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	328161	19.20	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	167576	18.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	183662	18.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	342785	18.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	378236	18.29	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	975234	18.64	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1208779	18.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	173907	18.40	ng/ul	0.00
58) Fluorene-d10	15.47	176	861546	18.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	167564	18.11	ng/ul	0.00
71) Anthracene-d10	17.34	188	1325384	18.71	ng/ul	0.00
79) Pyrene-d10	19.58	212	1523735	18.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1672311	18.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	44945	7.399	ng/uL	99
4) Benzaldehyde	6.97	77	166866	15.839	ng/ul	97
6) Phenol	7.02	94	414333	19.188	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	330627	19.131	ng/ul	99
10) 2-Chlorophenol	7.40	128	329095	18.748	ng/ul	97
11) 2-Methylphenol	8.27	108	317046	19.190	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	380774	19.540	ng/ul	99
14) Acetophenone	8.65	105	497770	19.850	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	243412	19.200	ng/ul	100
16) 4-Methylphenol	8.60	108	340731	19.297	ng/ul	100
17) Hexachloroethane	8.91	117	141240	18.732	ng/ul	98
20) Nitrobenzene	9.03	77	379607	18.275	ng/ul	99
21) Isophorone	9.55	82	724493	18.664	ng/ul	98
23) 2-Nitrophenol	9.74	139	193125	18.807	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	361941	18.722	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	448794	18.507	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	328223	18.686	ng/ul	99
28) Naphthalene	10.68	128	1083997	18.514	ng/ul	100
30) 4-Chloroaniline	10.79	127	362132	18.445	ng/ul	99
31) Hexachlorobutadiene	10.96	225	226783	18.138	ng/ul	99
32) Caprolactam	11.54	113	109856	19.197	ng/ul	94
33) 4-Chloro-3-methylphenol	11.92	107	335501	18.954	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	751024	18.595	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	884969	18.822	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	429757	18.462	ng/ul	98
38) Hexachlorocyclopentadiene	12.65	237	236819	17.811	ng/ul	97
39) 2,4,6-Trichlorophenol	12.90	196	268962	18.657	ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	280258	18.407	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	990122	18.546	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	791808	18.586	ng/ul	100
43) 2-Nitroaniline	13.55	65	204224	18.940	ng/ul	98
45) Dimethylphthalate	13.93	163	986624	18.825	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	207440	18.995	ng/ul	100
48) Acenaphthylene	14.20	152	1193978	18.813	ng/ul	100
49) 3-Nitroaniline	14.38	138	158720	17.222	ng/ul	99
50) Acenaphthene	14.55	153	822027	18.487	ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	98405	16.514	ng/ul	100
53) 4-Nitrophenol	14.69	109	125820	18.969	ng/ul	96
54) Dibenzofuran	14.88	168	1167640	18.649	ng/ul	99
55) 2,4-Dinitrotoluene	14.85	165	297308	18.983	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.11	232	250192	18.575	ng/ul	98
57) Diethylphthalate	15.30	149	968367	18.783	ng/ul	100
59) Fluorene	15.53	166	952929	18.783	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.53	204	503876	18.569	ng/ul	100
61) 4-Nitroaniline	15.55	138	164996	17.032	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.62	198	179707	18.402	ng/ul	99
65) N-Nitrosodiphenylamine	15.74	169	805498	18.697	ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	320966	18.489	ng/ul	98
67) Hexachlorobenzene	16.55	284	369546	18.347	ng/ul	98
68) Atrazine	16.70	200	306084	18.836	ng/ul	98
69) Pentachlorophenol	16.89	266	186513	17.608	ng/ul	99
70) Phenanthrene	17.28	178	1544127	18.542	ng/ul	99
72) Anthracene	17.37	178	1582463	18.975	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	428661	18.463	ng/uL	99
74) Pentachlorobenzene	14.80	250	423200	18.401	ng/uL	99
75) Carbazole	17.65	167	1352399	19.614	ng/ul	99
76) Di-n-butylphthalate	18.20	149	1626239	18.776	ng/ul	99
77) Fluoranthene	19.26	202	1864183	19.734	ng/ul	100
80) Pyrene	19.61	202	1939665	18.809	ng/ul	99
81) Butylbenzylphthalate	20.48	149	734740	18.662	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.25	252	552164	17.571	ng/ul	100
83) Benzo(a)anthracene	21.32	228	1915427	18.767	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	1110909	19.077	ng/ul	99
85) Chrysene	21.37	228	1847302	18.746	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	1875208	19.410	ng/ul	100
88) Benzo(b)fluoranthene	22.97	252	1940602	18.157	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	1984895	19.141	ng/ul	99
91) Benzo(a)pyrene	23.59	252	1830035	18.563	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.13	276	2307872	18.528	ng/ul	100
93) Dibenzo(a,h)anthracene	26.13	278	1935330	18.656	ng/ul	99
94) Benzo(g,h,i)perylene	26.86	276	1924599	18.417	ng/ul	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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