Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020821\
Data File : BP004693.D
Acq On : 08 Feb 2021 15:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SICV83

Quant Time: Feb 08 15:45:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 08 14:57:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	45434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	184030	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.43	164	119607	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.18	188	258421	20.00	ng/ul	0.01
78) Chrysene-d12	21.26	240	275246	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	280214	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	9406	8.00	ng/uL	0.00
5) Phenol-d5	6.94	99	79687	21.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	48909	25.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	63644	23.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	62632	21.83	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	28884	22.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	32650	23.41	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.19	165	61729	21.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	81882	26.13	ng/ul	0.01
44) Dimethylphthalate-d6	13.84	166	196340	22.61	ng/ul	0.01
47) Acenaphthylene-d8	14.12	160	240866	22.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	33727	22.23	ng/ul	0.00
58) Fluorene-d10	15.42	176	159992	21.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	33885	21.69	ng/ul	0.00
71) Anthracene-d10	17.27	188	255013	22.38	ng/ul	0.00
79) Pyrene-d10	19.52	212	292038	22.66	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.42	264	302428	21.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	10312	8.769	ng/uL	93
4) Benzaldehyde	6.92	77	53182	27.836	ng/ul	95
6) Phenol	6.97	94	82234	21.629	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.20	93	61664	21.982	ng/ul	96
10) 2-Chlorophenol	7.34	128	63506	21.838	ng/ul	97
11) 2-Methylphenol	8.22	108	60376	21.348	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	48040	21.998	ng/ul	97
14) Acetophenone	8.60	105	103898	22.015	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	50898	22.772	ng/ul	99
16) 4-Methylphenol	8.55	108	65858	21.600	ng/ul	98
17) Hexachloroethane	8.86	117	27763	21.788	ng/ul	97
20) Nitrobenzene	8.98	77	78658	22.244	ng/ul	98
21) Isophorone	9.50	82	137654	22.889	ng/ul	99
23) 2-Nitrophenol	9.69	139	34398	22.423	ng/ul	97
24) 2,4-Dimethylphenol	9.75	107	74417	20.066	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	80044	21.817	ng/ul	98
27) 2,4-Dichlorophenol	10.22	162	61268	21.753	ng/ul	99
28) Naphthalene	10.62	128	202602	21.387	ng/ul	96
30) 4-Chloroaniline	10.73	127	85901	26.685	ng/ul	99
31) Hexachlorobutadiene	10.91	225	45795	21.598	ng/ul	98
32) Caprolactam	11.49	113	18411	20.247	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	70889	21.643	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	147349	21.577	ng/ul	99

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35) 1-Methylnaphthalene	12.46	142	139416	21.052 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.61	216	83590	21.344 ng/ul	96
38) Hexachlorocyclopentadiene	12.59	237	55366	21.755 ng/ul	98
39) 2,4,6-Trichlorophenol	12.85	196	50135	22.247 ng/ul	95
40) 2,4,5-Trichlorophenol	12.92	196	54285	21.915 ng/ul	97
41) 1,1'-Biphenyl	13.26	154	186826	21.188 ng/ul	98
42) 2-Chloronaphthalene	13.30	162	147492	21.262 ng/ul	99
43) 2-Nitroaniline	13.50	65	42646	22.620 ng/ul	98
45) Dimethylphthalate	13.89	163	193617	21.626 ng/ul	99
46) 2,6-Dinitrotoluene	14.00	165	40583	23.899 ng/ul	92
48) Acenaphthylene	14.15	152	227383	22.781 ng/ul	98
49) 3-Nitroaniline	14.33	138	38838	25.685 ng/ul	97
50) Acenaphthene	14.49	153	156643	21.152 ng/ul	99
51) 2,4-Dinitrophenol	14.53	184	22792	21.349 ng/ul	93
53) 4-Nitrophenol	14.63	109	37230	21.769 ng/ul	94
54) Dibenzofuran	14.83	168	227474	21.483 ng/ul	98
55) 2,4-Dinitrotoluene	14.79	165	55652	22.472 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.05	232	51133	22.953 ng/ul	97
57) Diethylphthalate	15.26	149	190512	21.204 ng/ul	99
59) Fluorene	15.47	166	184881	20.917 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.47	204	98131	20.526 ng/ul	98
61) 4-Nitroaniline	15.49	138	42617	23.982 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.55	198	36258	22.957 ng/ul#	100
65) N-Nitrosodiphenylamine	15.69	169	163260	22.135 ng/ul	98
66) 4-Bromophenyl-phenylether	16.37	248	59495	21.274 ng/ul	98
67) Hexachlorobenzene	16.48	284	65918	21.288 ng/ul	99
68) Atrazine	16.64	200	49049	16.535 ng/ul	98
69) Pentachlorophenol	16.82	266	38173	20.544 ng/ul	97
70) Phenanthrene	17.22	178	295678	21.478 ng/ul	99
72) Anthracene	17.31	178	300146	21.437 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.22	216	80083	20.992 ng/uL	99
74) Pentachlorobenzene	14.75	250	77477	20.752 ng/uL	95
75) Carbazole	17.58	167	265683	21.676 ng/ul	100
76) Di-n-butylphthalate	18.15	149	311869	22.569 ng/ul	99
77) Fluoranthene	19.19	202	356645	21.567 ng/ul	98
80) Pyrene	19.54	202	363830	21.764 ng/ul	98
81) Butylbenzylphthalate	20.42	149	134681	23.032 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.18	252	133225	24.360 ng/ul	95
83) Benzo(a)anthracene	21.25	228	358773	21.763 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	203891	22.846 ng/ul	99
85) Chrysene	21.29	228	354276	21.675 ng/ul	100
87) Di-n-octyl phthalate	22.07	149	335009	19.575 ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	365146	20.701 ng/ul	100
89) Benzo(k)fluoranthene	22.91	252	357436	20.818 ng/ul	98
91) Benzo(a)pyrene	23.46	252	329084	21.207 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.93	276	395631	20.055 ng/ul	96
93) Dibenzo(a,h)anthracene	25.95	278	337482	20.125 ng/ul	99
94) Benzo(g,h,i)perylene	26.66	276	326788	20.024 ng/ul	98

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

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