Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
Data File : BP006298.D
Acq On : 23 Jul 2021 21:34
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SICV607

Quant Time: Jul 24 04:29:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	295707	20.00	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1227483	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	703887	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1377844	20.00	ng/ul	0.00
79) Chrysene-d12	21.269	240	1316833	20.00	ng/ul	0.00
88) Perylene-d12	23.616	264	1340927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	62946	7.95	ng/uL	0.01
4) Pyridine-d5	3.711	84	452521	19.24	ng/ul	0.00
7) Phenol-d5	6.964	99	518382	18.67	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	318399	18.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	410504	19.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	404006	18.50	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	190751	20.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	184094	21.09	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	354601	20.74	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	546675	19.42	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	1029079	20.54	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1283052	20.85	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	197618	19.87	ng/ul	0.00
60) Fluorene-d10	15.410	176	859413	20.41	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	145675	18.97	ng/ul	0.00
73) Anthracene-d10	17.269	188	1278673	20.56	ng/ul	0.00
81) Pyrene-d10	19.510	212	1361992	20.11	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	1390218	20.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	66911	8.00	ng/uL	97
5) Pyridine	3.734	79	472610	19.27	ng/ul	97
6) Benzaldehyde	6.946	77	344815	22.76	ng/ul	97
8) Phenol	6.993	94	529968	18.67	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.228	93	416155	18.64	ng/ul	98
12) 2-Chlorophenol	7.358	128	410690	19.63	ng/ul	99
13) 2-Methylphenol	8.234	108	381529	18.42	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	455869	18.27	ng/ul	98
16) Acetophenone	8.616	105	613602	18.27	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.605	70	323537	18.41	ng/ul	98
18) 4-Methylphenol	8.563	108	413558	18.59	ng/ul	99
19) Hexachloroethane	8.863	117	165969	19.40	ng/ul	96
22) Nitrobenzene	8.993	77	479742	20.23	ng/ul	98
23) Isophorone	9.522	82	841873	19.86	ng/ul	98
25) 2-Nitrophenol	9.699	139	205391	21.34	ng/ul	97
26) 2,4-Dimethylphenol	9.763	107	459007	20.11	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.005	93	538490	19.78	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	345083	20.57	ng/ul	99
30) Naphthalene	10.628	128	1280132	20.10	ng/ul	99
32) 4-Chloroaniline	10.740	127	541339	19.52	ng/ul	99
33) Hexachlorobutadiene	10.916	225	208748	20.39	ng/ul	98
34) Caprolactam	11.516	113	113691	19.62	ng/ul	97
35) 4-Chloro-3-methylphenol	11.863	107	408856	20.41	ng/ul	98
36) 2-Methylnaphthalene	12.240	142	865338	19.83	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	873171	19.88	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	387847	20.45	ng/ul	98
40) Hexachlorocyclopentadiene	12.587	237	235403	19.08	ng/ul	95
41) 2,4,6-Trichlorophenol	12.851	196	249480	21.22	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	269793	20.98	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	1066641	20.22	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	809422	20.32	ng/ul	99
45) 2-Nitroaniline	13.498	65	242330	20.59	ng/ul	92
47) Dimethylphthalate	13.887	163	1006596	20.47	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	191404	21.29	ng/ul	95
50) Acenaphthylene	14.140	152	1237421	20.64	ng/ul	100
51) 3-Nitroaniline	14.328	138	220577	20.94	ng/ul	99
52) Acenaphthene	14.481	153	883462	20.09	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	97299	18.25	ng/ul	96
55) 4-Nitrophenol	14.634	109	159995	19.89	ng/ul	96
56) Dibenzofuran	14.816	168	1196439	20.29	ng/ul	99
57) 2,4-Dinitrotoluene	14.787	165	278901	21.71	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.040	232	213338	21.27	ng/ul	98
59) Diethylphthalate	15.257	149	1048123	20.58	ng/ul	99
61) Fluorene	15.469	166	983266	20.27	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	456310	20.18	ng/ul	97
63) 4-Nitroaniline	15.493	138	230772	22.31	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.545	198	147417	19.63	ng/ul#	98
67) N-Nitrosodiphenylamine	15.681	169	833924	20.37	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	234792	21.28	ng/ul	97
69) Hexachlorobenzene	16.469	284	301427	20.37	ng/ul	95
70) Atrazine	16.645	200	283151	19.99	ng/ul	98
71) Pentachlorophenol	16.816	266	179037	19.24	ng/ul	99
72) Phenanthrene	17.210	178	1500942	20.29	ng/ul	99
74) Anthracene	17.304	178	1541829	20.55	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	381530	20.20	ng/uL	99
76) Pentachlorobenzene	14.734	250	369688	20.08	ng/uL	98
77) Carbazole	17.575	167	1405933	20.49	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1719019	20.96	ng/ul	100
80) Fluoranthene	19.186	202	1691405	20.27	ng/ul	99
82) Pyrene	19.539	202	1758076	20.30	ng/ul	99
83) Butylbenzylphthalate	20.433	149	736069	20.71	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.192	252	586156	20.20	ng/ul	98
85) Benzo(a)anthracene	21.251	228	1672502	20.50	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	1162888	20.90	ng/ul	99
87) Chrysene	21.304	228	1590416	20.33	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	1898135	20.31	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	1748889	20.53	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	1612649	19.95	ng/ul	100
93) Benzo(a)pyrene	23.510	252	1526354	20.50	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.051	276	1931317	20.27	ng/ul	97
95) Dibenzo(a,h)anthracene	26.068	278	1626392	20.15	ng/ul	98
96) Benzo(g,h,i)perylene	26.792	276	1586443	20.15	ng/ul	99

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

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