Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092421\
Data File : BM032142.D
Acq On : 24 Sep 2021 22:00
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV045

Quant Time: Sep 25 01:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 25 01:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	399274	20.000	ng/ul	0.00
20) Naphthalene-d8	10.460	136	1697720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.313	164	1098616	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.042	188	2216179	20.000	ng/ul	0.00
79) Chrysene-d12	21.200	240	2051672	20.000	ng/ul	0.00
88) Perylene-d12	23.365	264	1906707	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	66544	7.037	ng/uL	0.00
4) Pyridine-d5	3.413	84	508162	18.930	ng/ul	0.00
7) Phenol-d5	6.848	99	599638	18.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.990	67	395007	20.728	ng/ul	0.00
11) 2-Chlorophenol-d4	7.207	132	479768	19.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.390	113	480643	19.394	ng/ul	0.00
21) Nitrobenzene-d5	8.819	128	212374	20.944	ng/ul	0.00
24) 2-Nitrophenol-d4	9.548	143	229582	21.412	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	493608	20.138	ng/ul	0.00
31) 4-Chloroaniline-d4	10.589	131	670496	20.239	ng/ul	0.00
46) Dimethylphthalate-d6	13.719	166	1444177	20.232	ng/ul	0.00
49) Acenaphthylene-d8	14.007	160	1851911	20.421	ng/ul	0.00
54) 4-Nitrophenol-d4	14.513	143	247017	21.273	ng/ul	0.00
60) Fluorene-d10	15.301	176	1217329	19.987	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.413	200	198981	18.999	ng/ul	0.00
73) Anthracene-d10	17.136	188	1855441	20.065	ng/ul	0.00
81) Pyrene-d10	19.418	212	2019404	18.707	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.230	264	1778289	19.873	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	67844	6.530	ng/uL	98
5) Pyridine	3.437	79	412184	15.486	ng/ul	98
6) Benzaldehyde	6.790	77	393424	22.033	ng/ul	97
8) Phenol	6.878	94	613165	19.084	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.084	93	495696	19.363	ng/ul	98
12) 2-Chlorophenol	7.237	128	492975	19.207	ng/ul	98
13) 2-Methylphenol	8.125	108	469383	19.302	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.201	45	680686	19.319	ng/ul	99
16) Acetophenone	8.484	105	781730	20.812	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.478	70	386204	20.159	ng/ul	96
18) 4-Methylphenol	8.454	108	508414	19.892	ng/ul	100
19) Hexachloroethane	8.760	117	198829	18.874	ng/ul	98
22) Nitrobenzene	8.860	77	535962	20.493	ng/ul	99
23) Isophorone	9.384	82	1014765	18.639	ng/ul	99
25) 2-Nitrophenol	9.578	139	262769	21.452	ng/ul	96
26) 2,4-Dimethylphenol	9.648	107	566356	19.415	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.866	93	677509	19.467	ng/ul	99
29) 2,4-Dichlorophenol	10.113	162	484042	20.074	ng/ul	98
30) Naphthalene	10.513	128	1629669	19.555	ng/ul	100
32) 4-Chloroaniline	10.613	127	695614	20.583	ng/ul	99
33) Hexachlorobutadiene	10.819	225	316035	19.065	ng/ul	99
34) Caprolactam	11.342	113	150639	20.481	ng/ul	95
35) 4-Chloro-3-methylphenol	11.754	107	522924	20.135	ng/ul	98
36) 2-Methylnaphthalene	12.125	142	1183704	21.159	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.348	142	1101356	19.342	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.507	216	601280	19.174	ng/ul	98
40) Hexachlorocyclopentadiene	12.501	237	344375	20.491	ng/ul	99
41) 2,4,6-Trichlorophenol	12.748	196	387727	19.767	ng/ul	99
42) 2,4,5-Trichlorophenol	12.819	196	414710	19.916	ng/ul	99
43) 1,1'-Biphenyl	13.142	154	1429232	18.369	ng/ul	99
44) 2-Chloronaphthalene	13.183	162	1145080	19.507	ng/ul	99
45) 2-Nitroaniline	13.383	65	289185	21.796	ng/ul	97
47) Dimethylphthalate	13.766	163	1439880	20.219	ng/ul	100
48) 2,6-Dinitrotoluene	13.877	165	287881	24.347	ng/ul	96
50) Acenaphthylene	14.036	152	1862938	19.559	ng/ul	100
51) 3-Nitroaniline	14.207	138	303888	23.499	ng/ul	98
52) Acenaphthene	14.377	153	1244463	20.084	ng/ul	99
53) 2,4-Dinitrophenol	14.407	184	124616	19.279	ng/ul	94
55) 4-Nitrophenol	14.524	109	199391	21.052	ng/ul	95
56) Dibenzofuran	14.713	168	1763974	19.835	ng/ul	99
57) 2,4-Dinitrotoluene	14.660	165	379096	22.984	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.942	232	364780	21.474	ng/ul	99
59) Diethylphthalate	15.130	149	1408263	20.231	ng/ul	99
61) Fluorene	15.354	166	1388724	20.125	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.348	204	703596	20.165	ng/ul	100
63) 4-Nitroaniline	15.366	138	292174	25.776	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.430	198	205800	19.906	ng/ul	98
67) N-Nitrosodiphenylamine	15.560	169	1228625	19.891	ng/ul	100
68) 4-Bromophenyl-phenylether	16.236	248	422232	19.953	ng/ul	98
69) Hexachlorobenzene	16.371	284	501371	19.489	ng/ul	98
70) Atrazine	16.501	200	433876	19.871	ng/ul	98
71) Pentachlorophenol	16.707	266	286482	19.386	ng/ul	99
72) Phenanthrene	17.083	178	2195358	19.842	ng/ul	99
74) Anthracene	17.171	178	2248034	20.272	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.119	216	597386	17.487	ng/uL	98
76) Pentachlorobenzene	14.642	250	582696	17.615	ng/uL	99
77) Carbazole	17.436	167	2003855	21.363	ng/ul	99
78) Di-n-butylphthalate	17.995	149	2317655	21.507	ng/ul	99
80) Fluoranthene	19.089	202	2451674	18.302	ng/ul	100
82) Pyrene	19.448	202	2587472	18.835	ng/ul	98
83) Butylbenzylphthalate	20.336	149	873539	22.114	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.118	252	823432	24.200	ng/ul	99
85) Benzo(a)anthracene	21.183	228	2306928	19.957	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.106	149	1331615	22.771	ng/ul	99
87) Chrysene	21.236	228	2287115	19.635	ng/ul	99
89) Di-n-octyl phthalate	21.953	149	2115040	21.831	ng/ul	100
90) Benzo(b)fluoranthene	22.718	252	2221882	19.731	ng/ul	99
91) Benzo(k)fluoranthene	22.759	252	2142511	20.076	ng/ul	99
93) Benzo(a)pyrene	23.271	252	2084013	19.599	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.518	276	2094862	19.330	ng/ul	99
95) Dibenzo(a,h)anthracene	25.524	278	1767508	19.664	ng/ul	100
96) Benzo(g,h,i)perylene	26.177	276	1745494	18.171	ng/ul	99

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

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