Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032184.D
Acq On : 26 Sep 2021 10:28
Operator : CG/JU
Sample : PB139298BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS298

Quant Time: Sep 27 01:08:35 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	7.660	152	350711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.454	136	1357979	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.307	164	770437	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.036	188	1442790	20.000	ng/ul	0.00
79) Chrysene-d12	21.195	240	1321320	20.000	ng/ul	0.00
88) Perylene-d12	23.365	264	1326567	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	64002	7.706	ng/uL	0.00
4) Pyridine-d5	3.414	84	855792	36.294	ng/ul	0.00
7) Phenol-d5	6.849	99	1044212	37.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.984	67	608613	36.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.202	132	849618	39.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.390	113	796907	36.609	ng/ul	0.00
21) Nitrobenzene-d5	8.819	128	383170	47.241	ng/ul	0.00
24) 2-Nitrophenol-d4	9.543	143	409307	47.725	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.084	165	787779	40.181	ng/ul	0.00
31) 4-Chloroaniline-d4	10.590	131	969727	36.595	ng/ul	0.00
46) Dimethylphthalate-d6	13.713	166	1979129	39.538	ng/ul	0.00
49) Acenaphthylene-d8	14.001	160	2604288	40.949	ng/ul	0.00
54) 4-Nitrophenol-d4	14.507	143	353891	43.460	ng/ul	0.00
60) Fluorene-d10	15.295	176	1718523	40.234	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.413	200	292573	42.909	ng/ul	0.00
73) Anthracene-d10	17.130	188	2484006	41.262	ng/ul	0.00
81) Pyrene-d10	19.418	212	2673462	38.456	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.230	264	2526933	40.589	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	126389	13.850	ng/uL	94
5) Pyridine	3.431	79	812798	34.766	ng/ul	98
6) Benzaldehyde	6.784	77	566706	36.132	ng/ul	96
8) Phenol	6.872	94	1024637	36.306	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.078	93	820725	36.498	ng/ul	96
12) 2-Chlorophenol	7.231	128	851542	37.771	ng/ul	96
13) 2-Methylphenol	8.125	108	763592	35.749	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.196	45	1007287	32.547	ng/ul	97
16) Acetophenone	8.478	105	1179154	35.739	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.472	70	561530	33.369	ng/ul	95
18) 4-Methylphenol	8.454	108	810454	36.100	ng/ul	98
19) Hexachloroethane	8.754	117	348287	37.639	ng/ul	98
22) Nitrobenzene	8.860	77	857978	41.013	ng/ul	96
23) Isophorone	9.378	82	1496793	34.371	ng/ul	99
25) 2-Nitrophenol	9.572	139	429572	43.844	ng/ul	96
26) 2,4-Dimethylphenol	9.648	107	869576	37.267	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.866	93	1033782	37.134	ng/ul	100
29) 2,4-Dichlorophenol	10.113	162	751272	38.951	ng/ul	99
30) Naphthalene	10.507	128	2521794	37.831	ng/ul	100
32) 4-Chloroaniline	10.613	127	914689	33.837	ng/ul	99
33) Hexachlorobutadiene	10.813	225	497223	37.500	ng/ul	99
34) Caprolactam	11.348	113	197522	33.574	ng/ul	87
35) 4-Chloro-3-methylphenol	11.754	107	746551	35.938	ng/ul	99
36) 2-Methylnaphthalene	12.119	142	1738174	38.844	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.342	142	1659577	36.437	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.501	216	879418	39.988	ng/ul	98
40) Hexachlorocyclopentadiene	12.495	237	457078	38.783	ng/ul	99
41) 2,4,6-Trichlorophenol	12.742	196	553450	40.234	ng/ul	100
42) 2,4,5-Trichlorophenol	12.813	196	590110	40.412	ng/ul	99
43) 1,1'-Biphenyl	13.136	154	2137212	39.169	ng/ul	99
44) 2-Chloronaphthalene	13.178	162	1631856	39.642	ng/ul	99
45) 2-Nitroaniline	13.378	65	405990	43.633	ng/ul	95
47) Dimethylphthalate	13.760	163	1888691	37.819	ng/ul	100
48) 2,6-Dinitrotoluene	13.872	165	362051	43.662	ng/ul	98
50) Acenaphthylene	14.031	152	2394742	35.852	ng/ul	99
51) 3-Nitroaniline	14.201	138	363707	40.105	ng/ul	95
52) Acenaphthene	14.372	153	1704712	39.232	ng/ul	99
53) 2,4-Dinitrophenol	14.401	184	179924	39.692	ng/ul	97
55) 4-Nitrophenol	14.525	109	268154	40.373	ng/ul	93
56) Dibenzofuran	14.707	168	2368529	37.977	ng/ul	100
57) 2,4-Dinitrotoluene	14.660	165	506699	43.806	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.936	232	471922	39.615	ng/ul	99
59) Diethylphthalate	15.125	149	1826188	37.409	ng/ul	99
61) Fluorene	15.354	166	1822506	37.662	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.342	204	920419	37.616	ng/ul	99
63) 4-Nitroaniline	15.366	138	340731	42.864	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.425	198	283046	42.053	ng/ul	99
67) N-Nitrosodiphenylamine	15.554	169	1592644	39.607	ng/ul	99
68) 4-Bromophenyl-phenylether	16.230	248	540709	39.248	ng/ul	97
69) Hexachlorobenzene	16.366	284	628105	37.502	ng/ul	99
70) Atrazine	16.495	200	528479	37.178	ng/ul	98
71) Pentachlorophenol	16.701	266	367118	38.160	ng/ul	99
72) Phenanthrene	17.077	178	2792671	38.771	ng/ul	99
74) Anthracene	17.166	178	2842861	39.378	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.113	216	898925	40.419	ng/uL	100
76) Pentachlorobenzene	14.642	250	794763	36.904	ng/uL	98
77) Carbazole	17.430	167	2509435	41.094	ng/ul	99
78) Di-n-butylphthalate	17.989	149	2855939	40.708	ng/ul	100
80) Fluoranthene	19.083	202	3080961	35.712	ng/ul	99
82) Pyrene	19.448	202	3165290	35.778	ng/ul	100
83) Butylbenzylphthalate	20.330	149	1144974	45.007	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.112	252	916687	41.832	ng/ul	99
85) Benzo(a)anthracene	21.177	228	2882737	38.723	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.107	149	1668206	44.295	ng/ul	99
87) Chrysene	21.230	228	2854490	38.052	ng/ul	100
89) Di-n-octyl phthalate	21.954	149	2876944	42.682	ng/ul	100
90) Benzo(b)fluoranthene	22.718	252	2982149	38.064	ng/ul	99
91) Benzo(k)fluoranthene	22.759	252	3019406	40.665	ng/ul	99
93) Benzo(a)pyrene	23.271	252	2736476	36.990	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.518	276	3395325	45.030	ng/ul	99
95) Dibenzo(a,h)anthracene	25.518	278	2858760	45.714	ng/ul	99
96) Benzo(g,h,i)perylene	26.177	276	2918579	43.670	ng/ul	99

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

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