Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033150.D
Acq On : 18 Nov 2021 10:10
Operator : CG/JU
Sample : M4677-08MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AB5MSD

Quant Time: Nov 18 10:40:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 14:14:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	218493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.766	136	906454	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.589	164	575622	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.324	188	1114566	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	954903	20.000	ng/ul	0.00
88) Perylene-d12	23.824	264	942362	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	7101	1.253	ng/uL	0.00
4) Pyridine-d5	3.843	84	85534	5.479	ng/ul	0.00
7) Phenol-d5	7.125	99	74202	4.015	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	229556	19.583	ng/ul	0.00
11) 2-Chlorophenol-d4	7.501	132	214539	15.326	ng/ul	0.00
15) 4-Methylphenol-d8	8.666	113	146526	10.216	ng/ul	0.00
21) Nitrobenzene-d5	9.131	128	143173	21.999	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	146142	22.422	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.383	165	290823	19.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.901	131	333267	16.790	ng/ul	0.00
46) Dimethylphthalate-d6	14.001	166	1015786	24.059	ng/ul	0.00
49) Acenaphthylene-d8	14.283	160	1226025	22.540	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	32259	4.691	ng/ul	0.00
60) Fluorene-d10	15.577	176	872815	23.045	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	150385	28.710	ng/ul	0.00
73) Anthracene-d10	17.424	188	1322103	24.608	ng/ul	0.00
81) Pyrene-d10	19.700	212	1457044	25.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.677	264	1264458	25.002	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	15329	2.664	ng/uL	90
5) Pyridine	3.860	79	98578	6.188	ng/ul	98
6) Benzaldehyde	7.113	77	242401	23.013	ng/ul	96
8) Phenol	7.148	94	87999	4.781	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.390	93	304696	20.841	ng/ul	99
12) 2-Chlorophenol	7.531	128	230935	15.984	ng/ul	98
13) 2-Methylphenol	8.401	108	177331	12.578	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.495	45	473814	20.984	ng/ul	99
16) Acetophenone	8.795	105	477375	21.086	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.778	70	268878	22.043	ng/ul	97
18) 4-Methylphenol	8.731	108	164327	11.119	ng/ul	99
19) Hexachloroethane	9.048	117	104015	15.803	ng/ul	96
22) Nitrobenzene	9.172	77	385368	21.218	ng/ul	100
23) Isophorone	9.701	82	736289	22.180	ng/ul	99
25) 2-Nitrophenol	9.883	139	157775	22.837	ng/ul	88
26) 2,4-Dimethylphenol	9.936	107	314397	17.320	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.178	93	430831	21.809	ng/ul	98
29) 2,4-Dichlorophenol	10.407	162	289864	20.027	ng/ul	95
30) Naphthalene	10.819	128	925578	19.202	ng/ul	99
32) 4-Chloroaniline	10.925	127	355116	17.709	ng/ul	99
33) Hexachlorobutadiene	11.095	225	185132	16.421	ng/ul	98
34) Caprolactam	11.725	113	10896	2.619	ng/ul	94
35) 4-Chloro-3-methylphenol	12.030	107	306468	19.445	ng/ul	98
36) 2-Methylnaphthalene	12.419	142	690844	20.685	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.642	142	711388	20.866	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.783	216	400063	20.890	ng/ul	99
40) Hexachlorocyclopentadiene	12.760	237	216672	16.079	ng/ul	97
41) 2,4,6-Trichlorophenol	13.019	196	273875	24.282	ng/ul	97
42) 2,4,5-Trichlorophenol	13.089	196	293296	24.251	ng/ul	99
43) 1,1'-Biphenyl	13.424	154	997232	22.235	ng/ul	98
44) 2-Chloronaphthalene	13.471	162	750700	21.705	ng/ul	100
45) 2-Nitroaniline	13.671	65	261420	28.676	ng/ul	99
47) Dimethylphthalate	14.048	163	1062693	25.824	ng/ul	99
48) 2,6-Dinitrotoluene	14.166	165	204639	29.065	ng/ul	93
50) Acenaphthylene	14.313	152	1265016	22.918	ng/ul	99
51) 3-Nitroaniline	14.495	138	184989	26.077	ng/ul#	89
52) Acenaphthene	14.654	153	831518	23.093	ng/ul	98
53) 2,4-Dinitrophenol	14.689	184	102183	28.434	ng/ul	92
55) 4-Nitrophenol	14.783	109	32576	4.638	ng/ul	95
56) Dibenzofuran	14.983	168	1232671	23.358	ng/ul	98
57) 2,4-Dinitrotoluene	14.948	165	285449	29.479	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.207	232	252648	25.593	ng/ul	99
59) Diethylphthalate	15.401	149	1034953	25.110	ng/ul	98
61) Fluorene	15.630	166	994027	23.697	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.624	204	518947	23.703	ng/ul	99
63) 4-Nitroaniline	15.648	138	190774	27.349	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.707	198	153851	29.305	ng/ul#	98
67) N-Nitrosodiphenylamine	15.836	169	862923	26.324	ng/ul	99
68) 4-Bromophenyl-phenylether	16.518	248	327606	26.432	ng/ul	98
69) Hexachlorobenzene	16.624	284	364285	25.655	ng/ul	99
70) Atrazine	16.789	200	282901	22.334	ng/ul	100
71) Pentachlorophenol	16.971	266	220091	26.815	ng/ul	99
72) Phenanthrene	17.365	178	1561092	25.286	ng/ul	99
74) Anthracene	17.459	178	1563603	25.255	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.389	216	413912	22.609	ng/uL	99
76) Pentachlorobenzene	14.901	250	430129	23.966	ng/uL	98
77) Carbazole	17.724	167	1379856	25.087	ng/ul	99
78) Di-n-butylphthalate	18.283	149	1720779	28.611	ng/ul	99
80) Fluoranthene	19.371	202	1781801	26.953	ng/ul	99
82) Pyrene	19.730	202	1776167	26.461	ng/ul	97
83) Butylbenzylphthalate	20.618	149	721453	31.459	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.394	252	144708	6.727	ng/ul	95
85) Benzo(a)anthracene	21.459	228	1609872	26.066	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.383	149	1038742	31.955	ng/ul	99
87) Chrysene	21.512	228	1572208	26.067	ng/ul	99
89) Di-n-octyl phthalate	22.294	149	1705786	29.707	ng/ul	100
90) Benzo(b)fluoranthene	23.112	252	1623683	25.583	ng/ul	99
91) Benzo(k)fluoranthene	23.159	252	1523351	26.202	ng/ul	99
93) Benzo(a)pyrene	23.724	252	1532533	25.550	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.235	276	1730333	25.906	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.247	278	1483041	25.953	ng/ul	98
96) Benzo(g,h,i)perylene	26.971	276	1495596	25.798	ng/ul	98

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

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