Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
Data File : BM038392.D
Acq On : 06 Jan 2023 18:45
Operator : CG/JU
Sample : PB150075BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS075

Quant Time: Jan 07 00:38:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	59862	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	243182	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.633	164	163822	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	395859	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	427311	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	472981	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	10543	5.712	ng/uL	0.00
4) Pyridine-d5	3.793	84	159319	29.832	ng/ul	0.00
7) Phenol-d5	7.163	99	163518	29.985	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	118335	30.165	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	119940	30.696	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	117964	28.023	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	54937	28.794	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	64859	29.975	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	127094	30.416	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	139812	24.248	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	357334	28.802	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	412418	28.525	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	62537	28.000	ng/ul	0.00
60) Fluorene-d10	15.621	176	326531	28.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	75779	26.413	ng/ul	0.00
73) Anthracene-d10	17.468	188	557417	29.190	ng/ul	0.00
81) Pyrene-d10	19.756	212	690368	29.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	721171	30.699	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	25471	12.924	ng/uL	93
5) Pyridine	3.816	79	180929	32.072	ng/ul	97
6) Benzaldehyde	7.140	77	119670	53.377	ng/ul	99
8) Phenol	7.187	94	177536	30.858	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	141541	30.725	ng/ul	95
12) 2-Chlorophenol	7.557	128	127376	31.567	ng/ul	96
13) 2-Methylphenol	8.445	108	120836	29.406	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	216260	29.599	ng/ul	97
16) Acetophenone	8.834	105	217747	29.232	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	125255	31.213	ng/ul	99
18) 4-Methylphenol	8.781	108	131087	29.321	ng/ul	99
19) Hexachloroethane	9.081	117	61308	32.627	ng/ul	97
22) Nitrobenzene	9.216	77	188410	29.941	ng/ul	99
23) Isophorone	9.739	82	321833	29.832	ng/ul	100
25) 2-Nitrophenol	9.928	139	70311	31.196	ng/ul	98
26) 2,4-Dimethylphenol	9.981	107	159524	30.276	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	184792	29.936	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	123296	30.345	ng/ul	97
30) Naphthalene	10.863	128	383889	29.596	ng/ul	99
32) 4-Chloroaniline	10.981	127	147359	25.081	ng/ul	100
33) Hexachlorobutadiene	11.133	225	94811	31.341	ng/ul	97
34) Caprolactam	11.763	113	31934	27.535	ng/ul#	76
35) 4-Chloro-3-methylphenol	12.098	107	133028	30.770	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	258944	30.625	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	260178	29.742	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.827	216	169974	29.346	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	105503	25.790	ng/ul	96
41) 2,4,6-Trichlorophenol	13.075	196	105995	29.483	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	116074	30.126	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	359360	29.020	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	295823	29.257	ng/ul	98
45) 2-Nitroaniline	13.722	65	105342	31.145	ng/ul	94
47) Dimethylphthalate	14.086	163	369227	29.327	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	72016	30.041	ng/ul	97
50) Acenaphthylene	14.357	152	448003	29.209	ng/ul	99
51) 3-Nitroaniline	14.545	138	65868	29.840	ng/ul	96
52) Acenaphthene	14.692	153	323228	29.780	ng/ul	97
53) 2,4-Dinitrophenol	14.751	184	50367	28.103	ng/ul	92
55) 4-Nitrophenol	14.851	109	70705	30.243	ng/ul	97
56) Dibenzofuran	15.027	168	459181	29.767	ng/ul	97
57) 2,4-Dinitrotoluene	15.004	165	110131	31.402	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	106801	31.034	ng/ul	95
59) Diethylphthalate	15.445	149	403752	30.940	ng/ul	99
61) Fluorene	15.674	166	394472	29.786	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	212955	30.552	ng/ul	99
63) 4-Nitroaniline	15.704	138	76957	36.434	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	75293	27.388	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	324320	28.733	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	125663	29.965	ng/ul	97
69) Hexachlorobenzene	16.674	284	140913	29.132	ng/ul	98
70) Atrazine	16.827	200	130730	28.020	ng/ul	96
71) Pentachlorophenol	17.021	266	85558	26.802	ng/ul	98
72) Phenanthrene	17.415	178	633272	29.319	ng/ul	99
74) Anthracene	17.504	178	658626	29.654	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	167387	28.016	ng/uL	96
76) Pentachlorobenzene	14.945	250	160395	27.860	ng/uL	98
77) Carbazole	17.780	167	568964	27.939	ng/ul	100
78) Di-n-butylphthalate	18.327	149	754337	31.003	ng/ul	99
80) Fluoranthene	19.421	202	804002	29.897	ng/ul	99
82) Pyrene	19.786	202	870894	29.716	ng/ul	98
83) Butylbenzylphthalate	20.668	149	347873	30.951	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	286103	32.107	ng/ul#	99
85) Benzo(a)anthracene	21.527	228	924965	30.416	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	543560	31.330	ng/ul	97
87) Chrysene	21.580	228	887447	30.376	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	1001074	29.586	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	956962	31.979	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	923038	30.717	ng/ul	99
93) Benzo(a)pyrene	23.868	252	835544	30.851	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	1057236	30.716	ng/ul	100
95) Dibenzo(a,h)anthracene	26.527	278	902061	31.404	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	871323	30.917	ng/ul	99

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

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