Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043327.D
Acq On : 14 Dec 2023 07:11
Operator : MA/JU
Sample : 05686-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCH84MSD

Quant Time: Dec 14 07:46:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	488704	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2294624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1315462	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2545468	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.539	240	1843426	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264	1597058	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	56966	4.575	ng/uL	0.00
4) Pyridine-d5	3.816	84	473217	12.808	ng/ul	0.00
7) Phenol-d5	7.157	99	326763	6.735	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1077903	35.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	958716	25.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	612590	15.960	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	694691	35.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	693665	36.780	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	1163148	27.670	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1743179	28.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3973276	34.457	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	4572784	34.277	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	145854	7.059	ng/ul	0.00
60) Fluorene-d10	15.615	176	3302433	32.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	455106	32.485	ng/ul	0.00
73) Anthracene-d10	17.468	188	4901485	35.593	ng/ul	0.00
81) Pyrene-d10	19.750	212	5057184	42.875	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	3496968	37.525	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	66997	4.898	ng/uL	93
5) Pyridine	3.834	79	545345	14.361	ng/ul	97
6) Benzaldehyde	7.140	77	976880	39.120	ng/ul	98
8) Phenol	7.187	94	367861	7.667	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	1465794	37.888	ng/ul	98
12) 2-Chlorophenol	7.557	128	1041685	27.761	ng/ul	97
13) 2-Methylphenol	8.439	108	782215	21.082	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.528	45	2471418	38.422	ng/ul	99
16) Acetophenone	8.834	105	2271359	36.817	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	1281363	37.893	ng/ul	100
18) 4-Methylphenol	8.775	108	719296	17.867	ng/ul	98
19) Hexachloroethane	9.075	117	497503	31.279	ng/ul	82
22) Nitrobenzene	9.216	77	1808490	38.459	ng/ul	99
23) Isophorone	9.739	82	3608939	36.018	ng/ul	99
25) 2-Nitrophenol	9.922	139	783390	37.900	ng/ul	94
26) 2,4-Dimethylphenol	9.981	107	908658	22.422	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	2135619	36.251	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	1196057	29.315	ng/ul	97
30) Naphthalene	10.857	128	4690430	33.302	ng/ul	99
32) 4-Chloroaniline	10.975	127	1574667	27.601	ng/ul	100
33) Hexachlorobutadiene	11.128	225	621387	24.442	ng/ul	99
34) Caprolactam	11.763	113	133915	11.039	ng/ul	90
35) 4-Chloro-3-methylphenol	12.086	107	1255412	29.303	ng/ul	97
36) 2-Methylnaphthalene	12.463	142	3313390	32.699	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	3272268	31.815	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	1387007	31.165	ng/ul#	98
40) Hexachlorocyclopentadiene	12.792	237	507383	20.092	ng/ul	100
41) 2,4,6-Trichlorophenol	13.063	196	969022	34.990	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	1045582	34.689	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	4301098	36.961	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	3286693	36.436	ng/ul	98
45) 2-Nitroaniline	13.721	65	1208566	50.702	ng/ul	97
47) Dimethylphthalate	14.092	163	4254341	37.616	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	897786	43.085	ng/ul	96
50) Acenaphthylene	14.351	152	5650361	37.474	ng/ul	99
51) 3-Nitroaniline	14.545	138	967195	41.838	ng/ul	93
52) Acenaphthene	14.692	153	3711100	37.314	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	303324	31.708	ng/ul#	83
55) 4-Nitrophenol	14.839	109	126910	8.494	ng/ul	94
56) Dibenzofuran	15.027	168	4878644	35.910	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	1281700	43.079	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.245	232	837027	33.409	ng/ul#	88
59) Diethylphthalate	15.451	149	4532004	39.837	ng/ul	98
61) Fluorene	15.674	166	4324303	36.770	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1944492	33.467	ng/ul	92
63) 4-Nitroaniline	15.704	138	1035458	44.579	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	530488	34.630	ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	3500095	41.003	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	1112591	36.145	ng/ul	93
69) Hexachlorobenzene	16.662	284	1301272	35.628	ng/ul#	91
70) Atrazine	16.839	200	801479	33.295	ng/ul	95
71) Pentachlorophenol	17.009	266	697942	32.454	ng/ul	99
72) Phenanthrene	17.409	178	6400070	40.320	ng/ul	99
74) Anthracene	17.504	178	6442589	40.293	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	1412779	35.082	ng/uL	99
76) Pentachlorobenzene	14.939	250	1454690	35.546	ng/uL	99
77) Carbazole	17.774	167	6052430	46.082	ng/ul	98
78) Di-n-butylphthalate	18.339	149	8083222	47.314	ng/ul	98
80) Fluoranthene	19.415	202	6759602	49.958	ng/ul#	92
82) Pyrene	19.780	202	6888443	48.942	ng/ul#	94
83) Butylbenzylphthalate	20.686	149	3556975	63.532	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	1826415	41.688	ng/ul	99
85) Benzo(a)anthracene	21.521	228	5821197	41.186	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	5435018	61.497	ng/ul#	99
87) Chrysene	21.574	228	5266542	41.720	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	8618953	78.460	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	4820052	42.300	ng/ul#	97
91) Benzo(k)fluoranthene	23.268	252	4729004	41.669	ng/ul#	98
93) Benzo(a)pyrene	23.856	252	4293649	40.766	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.485	276	4985134	41.553	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.509	278	4169849	41.568	ng/ul#	95
96) Benzo(g,h,i)perylene	27.262	276	3869779	42.812	ng/ul#	93

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

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