Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091222\
Data File : BM036542.D
Acq On : 12 Sep 2022 13:48
Operator : CG/JU
Sample : SSTD04069
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 12 14:42:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091222.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 12 14:16:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	230976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	919321	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	557834	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1270183	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	1182509	20.000	ng/ul	0.00
88) Perylene-d12	23.592	264	966192	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	98097	16.186	ng/uL	0.00
4) Pyridine-d5	3.552	84	768881	46.004	ng/ul	0.00
7) Phenol-d5	6.893	99	866457	43.948	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	556586	44.849	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	683524	44.125	ng/ul	0.00
15) 4-Methylphenol-d8	8.445	113	669272	45.464	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	344959	49.491	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	369375	52.245	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	556519	44.053	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	871402	44.495	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	1591655	45.101	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1963283	44.603	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	302493	45.236	ng/ul	0.00
60) Fluorene-d10	15.363	176	1503307	47.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	261592	40.059	ng/ul	0.00
73) Anthracene-d10	17.210	188	2513164	44.498	ng/ul	0.00
81) Pyrene-d10	19.509	212	2762775	45.039	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.444	264	2141109	45.198	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	106430	16.673	ng/uL	98
5) Pyridine	3.569	79	763896	44.245	ng/ul	96
6) Benzaldehyde	6.863	77	460241	56.830	ng/ul	92
8) Phenol	6.922	94	910925	44.439	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.151	93	727941	44.399	ng/ul	99
12) 2-Chlorophenol	7.281	128	724876	44.749	ng/ul	99
13) 2-Methylphenol	8.169	108	690479	45.696	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.257	45	1103698	50.316	ng/ul	99
16) Acetophenone	8.551	105	1118041	47.221	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.540	70	584156	49.570	ng/ul	96
18) 4-Methylphenol	8.504	108	747127	46.192	ng/ul	99
19) Hexachloroethane	8.781	117	306668	45.251	ng/ul	86
22) Nitrobenzene	8.928	77	870800	52.727	ng/ul	97
23) Isophorone	9.457	82	1613745	55.023	ng/ul	96
25) 2-Nitrophenol	9.634	139	412157	52.325	ng/ul	95
26) 2,4-Dimethylphenol	9.704	107	815311	51.757	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.939	93	795922	41.686	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	576978	44.641	ng/ul	99
30) Naphthalene	10.563	128	2115081	43.835	ng/ul	99
32) 4-Chloroaniline	10.686	127	892502	44.805	ng/ul	100
33) Hexachlorobutadiene	10.834	225	369418	45.496	ng/ul	98
34) Caprolactam	11.492	113	163964m	42.340	ng/ul	
35) 4-Chloro-3-methylphenol	11.822	107	613069	46.913	ng/ul	99
36) 2-Methylnaphthalene	12.181	142	1345410	44.442	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	1337706	43.876	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	646748	41.946	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	330899	36.175	ng/ul	96
41) 2,4,6-Trichlorophenol	12.798	196	439433	45.292	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	459629	44.662	ng/ul	100
43) 1,1'-Biphenyl	13.198	154	1713214	40.835	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	1354466	42.071	ng/ul	98
45) 2-Nitroaniline	13.463	65	436907	50.116	ng/ul	92
47) Dimethylphthalate	13.839	163	1688778	46.488	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	347928	50.762	ng/ul#	86
50) Acenaphthylene	14.086	152	2187682	42.146	ng/ul	100
51) 3-Nitroaniline	14.292	138	372980	49.760	ng/ul	98
52) Acenaphthene	14.433	153	1537931	45.457	ng/ul	98
53) 2,4-Dinitrophenol	14.504	184	155103	41.523	ng/ul#	86
55) 4-Nitrophenol	14.610	109	269286	50.968	ng/ul#	77
56) Dibenzofuran	14.769	168	2056904	43.816	ng/ul	95
57) 2,4-Dinitrotoluene	14.751	165	522382	53.741	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.998	232	411978	52.724	ng/ul#	91
59) Diethylphthalate	15.204	149	1866330	52.119	ng/ul	99
61) Fluorene	15.416	166	1815971	48.771	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.416	204	859772	49.431	ng/ul	99
63) 4-Nitroaniline	15.457	138	392126m	56.080	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	271741	41.158	ng/ul#	94
67) N-Nitrosodiphenylamine	15.633	169	1501794	41.357	ng/ul	98
68) 4-Bromophenyl-phenylether	16.304	248	536390	45.606	ng/ul	95
69) Hexachlorobenzene	16.410	284	634406	44.510	ng/ul	94
70) Atrazine	16.592	200	561887	45.286	ng/ul	98
71) Pentachlorophenol	16.763	266	354696	45.140	ng/ul	99
72) Phenanthrene	17.157	178	3000539	44.935	ng/ul	98
74) Anthracene	17.245	178	3047145	45.518	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.163	216	647479	33.973	ng/uL	97
76) Pentachlorobenzene	14.680	250	728394	40.932	ng/uL	100
77) Carbazole	17.527	167	2815789	44.924	ng/ul	99
78) Di-n-butylphthalate	18.086	149	3562588	51.966	ng/ul	99
80) Fluoranthene	19.174	202	3370092	45.460	ng/ul	99
82) Pyrene	19.539	202	3513530	45.417	ng/ul	99
83) Butylbenzylphthalate	20.451	149	1560880	53.931	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	1127913	46.320	ng/ul	98
85) Benzo(a)anthracene	21.292	228	3262989	45.918	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	2348312	58.767	ng/ul#	98
87) Chrysene	21.345	228	3027865	43.364	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	3643169	63.429	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	2902745	49.276	ng/ul	98
91) Benzo(k)fluoranthene	22.945	252	2845157	50.766	ng/ul	98
93) Benzo(a)pyrene	23.492	252	2404816	41.497	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.956	276	2417230	35.477	ng/ul	97
95) Dibenzo(a,h)anthracene	25.968	278	2206763	37.597	ng/ul	97
96) Benzo(g,h,i)perylene	26.674	276	2042685	35.057	ng/ul	98

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

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