Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092121\
Data File : BM032121.D
Acq On : 21 Sep 2021 19:29
Operator : CG/JU
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 22 01:53:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092121.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 22 01:45:17 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020027

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	154456	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	749072	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	519843	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	1147768	20.000	ng/ul	0.00
79) Chrysene-d12	21.204	240	1215383	20.000	ng/ul	0.00
88) Perylene-d12	23.380	264	1373910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.987	96	29687	8.868	ng/uL	0.00
4) Pyridine-d5	3.411	84	233166	24.528	ng/ul	0.00
7) Phenol-d5	6.852	99	273512	21.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	170404	22.995	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	196560	19.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	225788	20.547	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	79155	14.549	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	73586	11.428	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	212718	16.466	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	321323	17.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	709985	18.050	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	903329	19.391	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	102279	14.365	ng/ul	0.00
60) Fluorene-d10	15.304	176	595778	17.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	65144	8.260	ng/ul	0.00
73) Anthracene-d10	17.139	188	958831	17.600	ng/ul	0.00
81) Pyrene-d10	19.427	212	1116681	19.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.239	264	1325290	18.354	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	31565	7.821	ng/uL	99
5) Pyridine	3.434	79	227482	23.277	ng/ul	87
6) Benzaldehyde	6.793	77	192932	33.274	ng/ul	92
8) Phenol	6.875	94	281415	21.835	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.087	93	224024	22.822	ng/ul	93
12) 2-Chlorophenol	7.240	128	205079	20.837	ng/ul	98
13) 2-Methylphenol	8.128	108	218249	21.962	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	291346	22.838	ng/ul#	90
16) Acetophenone	8.487	105	367562	21.357	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.475	70	202996	24.177	ng/ul#	87
18) 4-Methylphenol	8.457	108	237414	21.514	ng/ul	96
19) Hexachloroethane	8.763	117	84804	20.114	ng/ul	92
22) Nitrobenzene	8.863	77	229073	16.677	ng/ul	94
23) Isophorone	9.387	82	589267	23.309	ng/ul	98
25) 2-Nitrophenol	9.581	139	85141	12.693	ng/ul	93
26) 2,4-Dimethylphenol	9.651	107	276988	20.287	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.875	93	330865	22.079	ng/ul	100
29) 2,4-Dichlorophenol	10.122	162	208160	16.940	ng/ul	97
30) Naphthalene	10.516	128	715515	19.081	ng/ul	98
32) 4-Chloroaniline	10.622	127	333029	18.320	ng/ul	99
33) Hexachlorobutadiene	10.828	225	132607	16.267	ng/ul	98
34) Caprolactam	11.334	113	87472	21.356	ng/ul	92
35) 4-Chloro-3-methylphenol	11.757	107	262452	20.367	ng/ul	94
36) 2-Methylnaphthalene	12.134	142	509584	17.235	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	519996	17.267	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	261649	17.534	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	152880	19.034	ng/ul	99
41) 2,4,6-Trichlorophenol	12.751	196	169342	16.940	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	176264	16.236	ng/ul	99
43) 1,1'-Biphenyl	13.151	154	699849	19.139	ng/ul	100
44) 2-Chloronaphthalene	13.187	162	533207	18.406	ng/ul	96
45) 2-Nitroaniline	13.386	65	113579	14.231	ng/ul	95
47) Dimethylphthalate	13.769	163	709961	18.381	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	92773	12.175	ng/ul	92
50) Acenaphthylene	14.039	152	919028	21.440	ng/ul	99
51) 3-Nitroaniline	14.210	138	108947	15.279	ng/ul#	89
52) Acenaphthene	14.381	153	595119	19.117	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	39577	7.429	ng/ul	90
55) 4-Nitrophenol	14.528	109	102529	15.598	ng/ul	89
56) Dibenzofuran	14.716	168	842734	18.356	ng/ul	96
57) 2,4-Dinitrotoluene	14.669	165	140984	12.336	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	152444	15.642	ng/ul#	97
59) Diethylphthalate	15.133	149	740818	18.766	ng/ul	99
61) Fluorene	15.363	166	682049	17.558	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	332539	16.715	ng/ul	97
63) 4-Nitroaniline	15.369	138	118004m	18.474	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.433	198	67653	8.822	ng/ul	96
67) N-Nitrosodiphenylamine	15.563	169	614442	18.641	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	207815	17.668	ng/ul	94
69) Hexachlorobenzene	16.375	284	232973	17.060	ng/ul	96
70) Atrazine	16.504	200	241846	19.474	ng/ul	98
71) Pentachlorophenol	16.710	266	124658	13.959	ng/ul	97
72) Phenanthrene	17.086	178	1122013	17.898	ng/ul	100
74) Anthracene	17.174	178	1153241	17.975	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	285960	19.146	ng/uL	99
76) Pentachlorobenzene	14.651	250	279730	17.852	ng/uL	98
77) Carbazole	17.439	167	1097492	18.691	ng/ul	98
78) Di-n-butylphthalate	17.998	149	1321230	19.637	ng/ul	99
80) Fluoranthene	19.092	202	1396170	20.183	ng/ul	97
82) Pyrene	19.457	202	1418741	19.372	ng/ul	97
83) Butylbenzylphthalate	20.345	149	567002	19.717	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.121	252	519104	18.972	ng/ul	98
85) Benzo(a)anthracene	21.192	228	1437477	19.014	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.115	149	898561	19.375	ng/ul	99
87) Chrysene	21.239	228	1389158	19.104	ng/ul	99
89) Di-n-octyl phthalate	21.962	149	1579462	16.851	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	1578001	18.027	ng/ul	99
91) Benzo(k)fluoranthene	22.768	252	1419234	16.747	ng/ul	99
93) Benzo(a)pyrene	23.280	252	1525674	19.301	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.533	276	1795749	17.750	ng/ul	96
95) Dibenzo(a,h)anthracene	25.539	278	1516637	17.825	ng/ul	99
96) Benzo(g,h,i)perylene	26.197	276	1547954	18.478	ng/ul	97

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

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