Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
Data File : BM037781.D
Acq On : 29 Nov 2022 05:30
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020059

Quant Time: Nov 29 06:51:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 28 22:24:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	208201	20.000	ng/ul	0.00
20) Naphthalene-d8	10.927	136	956945	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	588193	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1190365	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1078644	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	873935	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	37525	7.475	ng/uL	0.00
4) Pyridine-d5	3.869	84	310990	19.031	ng/ul	0.00
7) Phenol-d5	7.251	99	375125	18.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	258585	18.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	279291	19.351	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	292002	17.666	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	150572	20.071	ng/ul	0.00
24) 2-Nitrophenol-d4	9.998	143	151766	20.531	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	266257	19.683	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	421035	18.756	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	820373	19.691	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	993672	20.206	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	163506	17.817	ng/ul	0.00
60) Fluorene-d10	15.715	176	721248	19.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	112586	17.582	ng/ul	0.00
73) Anthracene-d10	17.562	188	1121541	20.148	ng/ul	0.00
81) Pyrene-d10	19.845	212	1201890	21.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	899885	20.005	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	43084	7.806	ng/uL	96
5) Pyridine	3.887	79	315645	18.996	ng/ul#	87
6) Benzaldehyde	7.234	77	262651	24.092	ng/ul	94
8) Phenol	7.281	94	397803	18.271	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.516	93	323407	18.322	ng/ul	99
12) 2-Chlorophenol	7.663	128	305676	19.387	ng/ul	98
13) 2-Methylphenol	8.545	108	299285	18.019	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.639	45	588711	18.465	ng/ul	99
16) Acetophenone	8.933	105	505292	18.570	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.922	70	284943	17.867	ng/ul	93
18) 4-Methylphenol	8.875	108	328562	17.905	ng/ul	97
19) Hexachloroethane	9.198	117	145101	21.278	ng/ul	98
22) Nitrobenzene	9.316	77	444061	21.709	ng/ul	96
23) Isophorone	9.845	82	790381	19.171	ng/ul	98
25) 2-Nitrophenol	10.033	139	172607	20.645	ng/ul	91
26) 2,4-Dimethylphenol	10.086	107	382304	20.821	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.328	93	443345	18.746	ng/ul	99
29) 2,4-Dichlorophenol	10.569	162	277368	20.042	ng/ul	98
30) Naphthalene	10.975	128	1058169	20.224	ng/ul	100
32) 4-Chloroaniline	11.086	127	436919	18.677	ng/ul	99
33) Hexachlorobutadiene	11.257	225	161904	22.286	ng/ul	98
34) Caprolactam	11.863	113	96094	16.672	ng/ul	93
35) 4-Chloro-3-methylphenol	12.192	107	346567	19.590	ng/ul	96
36) 2-Methylnaphthalene	12.574	142	705510	19.410	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	709115	19.392	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.933	216	296243	20.511	ng/ul	95
40) Hexachlorocyclopentadiene	12.916	237	173859	19.331	ng/ul	95
41) 2,4,6-Trichlorophenol	13.169	196	200865	19.314	ng/ul	99
42) 2,4,5-Trichlorophenol	13.239	196	216055	19.416	ng/ul	99
43) 1,1'-Biphenyl	13.568	154	903305	20.223	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	704168	20.283	ng/ul	98
45) 2-Nitroaniline	13.816	65	280733	21.329	ng/ul	100
47) Dimethylphthalate	14.180	163	864591	19.523	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	173662	20.308	ng/ul	89
50) Acenaphthylene	14.451	152	1129193	20.314	ng/ul	99
51) 3-Nitroaniline	14.633	138	205714	19.825	ng/ul	98
52) Acenaphthene	14.792	153	811864	20.422	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	72696	14.489	ng/ul	92
55) 4-Nitrophenol	14.927	109	177472	21.580	ng/ul	85
56) Dibenzofuran	15.127	168	1037435	19.994	ng/ul	93
57) 2,4-Dinitrotoluene	15.086	165	254871	20.311	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.345	232	180473	19.767	ng/ul#	92
59) Diethylphthalate	15.539	149	954833	19.976	ng/ul	99
61) Fluorene	15.774	166	891324	19.831	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.762	204	390927	19.938	ng/ul	94
63) 4-Nitroaniline	15.786	138	211341	21.429	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.845	198	120506	17.732	ng/ul	96
67) N-Nitrosodiphenylamine	15.974	169	753763	20.380	ng/ul	97
68) 4-Bromophenyl-phenylether	16.657	248	220475	23.027	ng/ul	98
69) Hexachlorobenzene	16.768	284	240599	19.566	ng/ul	92
70) Atrazine	16.921	200	248069	19.760	ng/ul	98
71) Pentachlorophenol	17.115	266	143078	17.573	ng/ul	98
72) Phenanthrene	17.509	178	1392357	19.968	ng/ul	98
74) Anthracene	17.598	178	1426154	20.146	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.539	216	301097	21.144	ng/uL	98
76) Pentachlorobenzene	15.045	250	306559	20.241	ng/uL	97
77) Carbazole	17.868	167	1313473	19.516	ng/ul	98
78) Di-n-butylphthalate	18.421	149	1725337	17.709	ng/ul	99
80) Fluoranthene	19.509	202	1529301	21.841	ng/ul	100
82) Pyrene	19.874	202	1627449	22.005	ng/ul	98
83) Butylbenzylphthalate	20.756	149	784976	22.784	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.544	252	421888	19.475	ng/ul	100
85) Benzo(a)anthracene	21.615	228	1450763	20.105	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1147797	22.051	ng/ul	100
87) Chrysene	21.668	228	1344605	19.801	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	1893353	25.362	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	1231400	20.727	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	1191304	20.561	ng/ul	99
93) Benzo(a)pyrene	24.009	252	1022004	19.792	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.721	276	1018376	17.191	ng/ul	98
95) Dibenzo(a,h)anthracene	26.738	278	898333	16.890	ng/ul	99
96) Benzo(g,h,i)perylene	27.526	276	881970	17.097	ng/ul	98

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

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