Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047818.D
Acq On : 03 Oct 2024 21:56
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020160

Quant Time: Oct 03 22:58:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	239074	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.593	136	960154	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.434	164	589019	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.175	188	1197929	20.000	ng/ul	-0.01
79) Chrysene-d12	21.398	240	1169570	20.000	ng/ul	-0.01
88) Perylene-d12	24.398	264	1306114	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	47952	6.482	ng/uL	0.00
4) Pyridine-d5	3.664	84	336730	15.545	ng/ul	-0.01
7) Phenol-d5	6.969	99	370744	16.400	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	235294	14.668	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.334	132	312024	18.971	ng/ul	-0.01
15) 4-Methylphenol-d8	8.505	113	291654	17.352	ng/ul	-0.01
21) Nitrobenzene-d5	8.957	128	149540	19.561	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.675	143	150745	20.577	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	292658	19.997	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.728	131	409042	18.079	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	823520	19.284	ng/ul	-0.01
49) Acenaphthylene-d8	14.128	160	965725	19.073	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.628	143	155295	18.265	ng/ul	0.00
60) Fluorene-d10	15.428	176	706457	19.099	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	125052	17.839	ng/ul	-0.01
73) Anthracene-d10	17.275	188	1086476	18.445	ng/ul	-0.01
81) Pyrene-d10	19.557	212	1249174	18.819	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.192	264	1251251	18.464	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	52439	6.489	ng/uL#	89
5) Pyridine	3.687	79	355092	15.571	ng/ul	90
6) Benzaldehyde	6.940	77	169363	13.776	ng/ul	90
8) Phenol	6.993	94	377531	15.695	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.222	93	316979	16.538	ng/ul	91
12) 2-Chlorophenol	7.369	128	321133	18.430	ng/ul	92
13) 2-Methylphenol	8.246	108	284335	16.952	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	483478	13.399	ng/ul#	94
16) Acetophenone	8.622	105	481709	16.749	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.605	70	240226	15.770	ng/ul	92
18) 4-Methylphenol	8.569	108	313789	16.648	ng/ul	98
19) Hexachloroethane	8.881	117	139091	17.759	ng/ul	95
22) Nitrobenzene	8.999	77	356643	16.423	ng/ul	92
23) Isophorone	9.528	82	668976	17.221	ng/ul	95
25) 2-Nitrophenol	9.710	139	166853	19.908	ng/ul#	86
26) 2,4-Dimethylphenol	9.769	107	323521	18.015	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.004	93	415597	17.491	ng/ul	98
29) 2,4-Dichlorophenol	10.240	162	296275	19.606	ng/ul	98
30) Naphthalene	10.646	128	1023642	18.535	ng/ul	99
32) 4-Chloroaniline	10.751	127	394904	17.726	ng/ul	99
33) Hexachlorobutadiene	10.934	225	192446	19.274	ng/ul	98
34) Caprolactam	11.522	113	86803	17.961	ng/ul	76
35) 4-Chloro-3-methylphenol	11.875	107	290395	18.564	ng/ul	95
36) 2-Methylnaphthalene	12.257	142	655942	18.692	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	692619	19.400	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	356141	18.574	ng/ul#	97
40) Hexachlorocyclopentadiene	12.610	237	210933	18.188	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	221272	19.945	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	238685	19.675	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	872520	18.501	ng/ul#	97
44) 2-Chloronaphthalene	13.310	162	683314	18.734	ng/ul	96
45) 2-Nitroaniline	13.510	65	184939	15.973	ng/ul#	83
47) Dimethylphthalate	13.892	163	834182	19.288	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	152194	20.038	ng/ul	94
50) Acenaphthylene	14.157	152	1118698	19.591	ng/ul	100
51) 3-Nitroaniline	14.334	138	154930	16.854	ng/ul	92
52) Acenaphthene	14.498	153	735887	18.231	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	74299	15.831	ng/ul#	82
55) 4-Nitrophenol	14.639	109	119590	16.752	ng/ul	94
56) Dibenzofuran	14.834	168	1004671	18.491	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	232318	20.365	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.057	232	204024	21.335	ng/ul	97
59) Diethylphthalate	15.257	149	838780	19.384	ng/ul	97
61) Fluorene	15.481	166	840244	18.536	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	404855	18.901	ng/ul	97
63) 4-Nitroaniline	15.492	138	151338	16.951	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.557	198	139096	17.907	ng/ul#	89
67) N-Nitrosodiphenylamine	15.686	169	677950	18.162	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	241794	19.581	ng/ul	98
69) Hexachlorobenzene	16.486	284	284729	19.814	ng/ul	94
70) Atrazine	16.639	200	209868	16.889	ng/ul	98
71) Pentachlorophenol	16.828	266	173220	18.957	ng/ul	99
72) Phenanthrene	17.216	178	1293311	18.410	ng/ul	99
74) Anthracene	17.304	178	1314596	18.347	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	344451	17.366	ng/uL	99
76) Pentachlorobenzene	14.757	250	342472	17.689	ng/uL	99
77) Carbazole	17.575	167	1176316	18.112	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1420152	19.641	ng/ul	99
80) Fluoranthene	19.227	202	1461655	18.697	ng/ul	98
82) Pyrene	19.586	202	1574226	18.092	ng/ul	96
83) Butylbenzylphthalate	20.480	149	621254	20.196	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.304	252	436636	17.668	ng/ul	99
85) Benzo(a)anthracene	21.380	228	1559761	19.047	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	930104	20.139	ng/ul	98
87) Chrysene	21.445	228	1479319	18.530	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	1543350	18.320	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1542428	18.937	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	1565538	18.797	ng/ul	98
93) Benzo(a)pyrene	24.256	252	1472971	19.041	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.780	276	1797154	18.129	ng/ul	98
95) Dibenzo(a,h)anthracene	27.833	278	1499222	18.454	ng/ul	99
96) Benzo(g,h,i)perylene	28.833	276	1469524	18.920	ng/ul	98

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

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