Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038613.D
Acq On : 31 Jan 2023 09:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020092

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/01/2023
Supervised By :mohammad ahmed 02/01/2023

Quant Time: Feb 01 00:01:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	24298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	85878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	57911	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	134454	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	180440	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	272370	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	5199	7.629	ng/uL	0.00
4) Pyridine-d5	3.763	84	33402	19.574	ng/ul	0.00
7) Phenol-d5	7.116	99	33143	20.435	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	20534	21.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	28691	21.331	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	25509	19.712	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	13448	20.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	16630	19.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	33508	17.612	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	36345	19.657	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	95163	19.893	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	109457	21.501	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	11021	16.654	ng/ul	0.00
60) Fluorene-d10	15.580	176	82886	19.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	21919	19.045	ng/ul	0.00
73) Anthracene-d10	17.427	188	135286	19.989	ng/ul	0.00
81) Pyrene-d10	19.715	212	158120	17.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	278258	19.904	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	6043	8.230	ng/uL	95
5) Pyridine	3.781	79	32966	18.812	ng/ul	96
6) Benzaldehyde	7.092	77	17111	22.881	ng/ul	97
8) Phenol	7.145	94	34002	20.939	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	24669	21.262	ng/ul	92
12) 2-Chlorophenol	7.516	128	29074	21.541	ng/ul	95
13) 2-Methylphenol	8.398	108	25875	20.972	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	27283	22.760	ng/ul	99
16) Acetophenone	8.786	105	47789	20.903	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.769	70	23546	22.410	ng/ul#	90
18) 4-Methylphenol	8.733	108	27747	21.188	ng/ul	94
19) Hexachloroethane	9.028	117	14813	21.759	ng/ul	94
22) Nitrobenzene	9.169	77	39909	20.370	ng/ul	94
23) Isophorone	9.692	82	60408	20.376	ng/ul	97
25) 2-Nitrophenol	9.880	139	16799	19.715	ng/ul	96
26) 2,4-Dimethylphenol	9.933	107	37680	20.358	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	32547	21.530	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	33275	18.402	ng/ul	94
30) Naphthalene	10.816	128	88781	20.836	ng/ul	98
32) 4-Chloroaniline	10.933	127	36679	19.770	ng/ul	100
33) Hexachlorobutadiene	11.086	225	33125	17.627	ng/ul	96
34) Caprolactam	11.722	113	6398	17.984	ng/ul	88
35) 4-Chloro-3-methylphenol	12.051	107	29784	20.851	ng/ul#	86
36) 2-Methylnaphthalene	12.416	142	68485	21.609	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	69872	21.358	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.786	216	51310	17.999	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	38337	18.846	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	30952	17.834	ng/ul	92
42) 2,4,5-Trichlorophenol	13.098	196	31434	16.959	ng/ul	89
43) 1,1'-Biphenyl	13.427	154	99047	22.243	ng/ul	99
44) 2-Chloronaphthalene	13.468	162	78629	21.256	ng/ul	98
45) 2-Nitroaniline	13.686	65	22771	23.014	ng/ul	93
47) Dimethylphthalate	14.045	163	93650	19.895	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	17214	19.746	ng/ul	91
50) Acenaphthylene	14.310	152	116876	22.959	ng/ul	99
51) 3-Nitroaniline	14.510	138	12194	19.432	ng/ul	95
52) Acenaphthene	14.651	153	77232	20.382	ng/ul	98
53) 2,4-Dinitrophenol	14.715	184	11082	15.813	ng/ul	90
55) 4-Nitrophenol	14.810	109	20547	18.507	ng/ul	96
56) Dibenzofuran	14.986	168	107665	19.104	ng/ul	98
57) 2,4-Dinitrotoluene	14.962	165	24694	19.218	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.210	232	31102	19.165	ng/ul	98
59) Diethylphthalate	15.404	149	85252	19.319	ng/ul	97
61) Fluorene	15.633	166	92084	19.401	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	64342	19.266	ng/ul	91
63) 4-Nitroaniline	15.668	138	9194	17.771	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.721	198	20238	18.633	ng/ul#	96
67) N-Nitrosodiphenylamine	15.845	169	78480	20.703	ng/ul	98
68) 4-Bromophenyl-phenylether	16.521	248	37950	20.032	ng/ul	94
69) Hexachlorobenzene	16.633	284	44061	19.923	ng/ul	91
70) Atrazine	16.792	200	37639	19.789	ng/ul	97
71) Pentachlorophenol	16.980	266	26702	18.875	ng/ul	90
72) Phenanthrene	17.374	178	138845	19.760	ng/ul	99
74) Anthracene	17.462	178	147303	20.020	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	46500	17.993	ng/uL	99
76) Pentachlorobenzene	14.904	250	53296	19.819	ng/uL	97
77) Carbazole	17.739	167	116626	18.261	ng/ul	99
78) Di-n-butylphthalate	18.286	149	141158	22.844	ng/ul	99
80) Fluoranthene	19.386	202	181836	16.873	ng/ul#	98
82) Pyrene	19.744	202	193882	16.953	ng/ul#	95
83) Butylbenzylphthalate	20.633	149	76411	23.163	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.421	252	83723	18.887	ng/ul#	97
85) Benzo(a)anthracene	21.491	228	246876	19.314	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	152615	32.513	ng/ul#	94
87) Chrysene	21.544	228	237027	20.034	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	180332	15.633	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	331346	19.677	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	328797m	19.589	ng/ul	
93) Benzo(a)pyrene	23.803	252	307675	19.730	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	470125	19.073	ng/ul#	97
95) Dibenzo(a,h)anthracene	26.426	278	397200	18.986	ng/ul#	97
96) Benzo(g,h,i)perylene	27.185	276	396751	19.831	ng/ul	99

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

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