Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063167.D
Acq On : 6 Nov 2024 13:32
Operator : RC/JU
Sample : SSTD02072
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 15:00:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 14:59:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020412

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	53454	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	252685	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	247281	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	683916	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	813458	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	863582	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	10354	8.362	ng/uL	0.00
4) Pyridine-d5	3.711	84	81640	21.607	ng/ul	0.00
7) Phenol-d5	7.013	99	99784	22.228	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	57389	21.257	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	67626	21.473	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	81411	22.472	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	36101	20.273	ng/ul	0.00
24) 2-Nitrophenol-d4	9.715	143	46049	20.795	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	90282	20.301	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	117608	21.585	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	399948	23.209	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	385931	20.320	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	52336	21.340	ng/ul	0.00
60) Fluorene-d10	15.473	176	337165	21.294	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	83424	20.377	ng/ul	0.00
73) Anthracene-d10	17.324	188	609992	20.652	ng/ul	0.00
81) Pyrene-d10	19.621	212	843366	21.277	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	853669	20.686	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	13189	8.872	ng/uL	100
5) Pyridine	3.734	79	85584	21.951	ng/ul	100
6) Benzaldehyde	6.983	77	72411	29.359	ng/ul	100
8) Phenol	7.036	94	106376	22.004	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.265	93	74404	22.238	ng/ul	100
12) 2-Chlorophenol	7.406	128	68791	21.363	ng/ul	100
13) 2-Methylphenol	8.282	108	78432	22.331	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	93642	22.513	ng/ul	100
16) Acetophenone	8.658	105	139600	24.018	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.640	70	81119	25.564	ng/ul	100
18) 4-Methylphenol	8.605	108	85401	22.176	ng/ul	100
19) Hexachloroethane	8.916	117	29519	21.220	ng/ul	100
22) Nitrobenzene	9.034	77	113332	20.313	ng/ul	100
23) Isophorone	9.557	82	237797	23.624	ng/ul	100
25) 2-Nitrophenol	9.751	139	47342	20.927	ng/ul	100
26) 2,4-Dimethylphenol	9.809	107	103778	20.839	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.044	93	117210	22.556	ng/ul	100
29) 2,4-Dichlorophenol	10.285	162	88458	20.785	ng/ul	100
30) Naphthalene	10.679	128	267121	20.734	ng/ul	100
32) 4-Chloroaniline	10.791	127	112316	21.813	ng/ul	100
33) Hexachlorobutadiene	10.967	225	82666	19.327	ng/ul	100
34) Caprolactam	11.537	113	37234m	25.173	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	107486	23.233	ng/ul	100
36) 2-Methylnaphthalene	12.289	142	212825	21.558	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.512	142	224669	22.450	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.665	216	175373	19.002	ng/ul	100
40) Hexachlorocyclopentadiene	12.647	237	88433	17.292	ng/ul	100
41) 2,4,6-Trichlorophenol	12.906	196	97890	21.213	ng/ul	100
42) 2,4,5-Trichlorophenol	12.976	196	106409	21.395	ng/ul	100
43) 1,1'-Biphenyl	13.305	154	320539	19.930	ng/ul	100
44) 2-Chloronaphthalene	13.346	162	246174	20.009	ng/ul	100
45) 2-Nitroaniline	13.552	65	84479	21.586	ng/ul	100
47) Dimethylphthalate	13.928	163	375350	22.699	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	73183	21.909	ng/ul	100
50) Acenaphthylene	14.198	152	386913	20.829	ng/ul	100
51) 3-Nitroaniline	14.380	138	70284	23.785	ng/ul	100
52) Acenaphthene	14.539	153	278264	20.444	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	34188	19.377	ng/ul	100
55) 4-Nitrophenol	14.698	109	70635	21.797	ng/ul	100
56) Dibenzofuran	14.874	168	423162	20.848	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	113932	22.236	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.109	232	109594	22.589	ng/ul	100
59) Diethylphthalate	15.297	149	392979	23.478	ng/ul	100
61) Fluorene	15.526	166	361909	21.178	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.520	204	233903	21.314	ng/ul	100
63) 4-Nitroaniline	15.544	138	74747	24.845	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.608	198	88656	20.393	ng/ul	100
67) N-Nitrosodiphenylamine	15.738	169	315859	20.716	ng/ul	100
68) 4-Bromophenyl-phenylether	16.413	248	160060	20.023	ng/ul	100
69) Hexachlorobenzene	16.537	284	168389	20.057	ng/ul	100
70) Atrazine	16.684	200	174318	21.364	ng/ul	100
71) Pentachlorophenol	16.883	266	63868	18.889	ng/ul	100
72) Phenanthrene	17.265	178	651805	20.636	ng/ul	100
74) Anthracene	17.359	178	665878	20.884	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.270	216	183081	19.025	ng/ul	100
76) Pentachlorobenzene	14.798	250	194488	19.085	ng/ul	100
77) Carbazole	17.630	167	580508	21.983	ng/ul	100
78) Di-n-butylphthalate	18.194	149	641261	21.596	ng/ul	100
80) Fluoranthene	19.286	202	925544	21.566	ng/ul	100
82) Pyrene	19.651	202	978634	21.229	ng/ul	100
83) Butylbenzylphthalate	20.550	149	276854	20.585	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.384	252	385950	22.456	ng/ul	100
85) Benzo(a)anthracene	21.460	228	1084435	20.906	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.378	149	410326	21.360	ng/ul	100
87) Chrysene	21.525	228	1003629	20.730	ng/ul	100
89) Di-n-octyl phthalate	22.524	149	718330	21.429	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1096005	21.415	ng/ul	100
91) Benzo(k)fluoranthene	23.617	252	1067064	20.589	ng/ul	100
93) Benzo(a)pyrene	24.369	252	994955	20.887	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.923	276	1206330	20.631	ng/ul	100
95) Dibenzo(a,h)anthracene	27.976	278	962595	20.318	ng/ul	100
96) Benzo(g,h,i)perylene	28.993	276	927120	20.928	ng/ul	100

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

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