Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063891.D
Acq On : 28 Dec 2024 5:57
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 23:38:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020587

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	108494	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	438192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	301488	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	705236	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	812649	20.000	ng/ul	0.01
88) Perylene-d12	24.468	264	828738	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	27465	9.920	ng/uL	0.00
4) Pyridine-d5	3.669	84	190384	21.799	ng/ul	0.00
7) Phenol-d5	6.983	99	202715	20.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	135302	19.605	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	133996	20.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	152079	19.603	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	72288	23.105	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	80541	22.965	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	153081	22.545	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	195165	22.637	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	453463	22.104	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	541524	23.156	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	59978	20.635	ng/ul	0.00
60) Fluorene-d10	15.438	176	405041	22.331	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	66876	18.264	ng/ul	0.00
73) Anthracene-d10	17.294	188	705851	23.280	ng/ul	0.00
81) Pyrene-d10	19.598	212	873779	20.662	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.263	264	884286	22.722	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	29800	9.095	ng/uL	95
5) Pyridine	3.687	79	200522	21.435	ng/ul	98
6) Benzaldehyde	6.942	77	144397	23.559	ng/ul	92
8) Phenol	7.012	94	217361	20.411	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.224	93	164480	20.187	ng/ul	94
12) 2-Chlorophenol	7.371	128	137379	20.980	ng/ul	97
13) 2-Methylphenol	8.252	108	155713	20.231	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.317	45	248434	20.539	ng/ul	99
16) Acetophenone	8.616	105	261838	19.899	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.599	70	150241	19.136	ng/ul#	87
18) 4-Methylphenol	8.581	108	175007	20.775	ng/ul	89
19) Hexachloroethane	8.869	117	65027	20.210	ng/ul	97
22) Nitrobenzene	8.998	77	225625	21.595	ng/ul	97
23) Isophorone	9.515	82	399355	20.230	ng/ul	98
25) 2-Nitrophenol	9.703	139	78160	21.685	ng/ul	97
26) 2,4-Dimethylphenol	9.774	107	169928	20.777	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.997	93	230445	21.583	ng/ul	96
29) 2,4-Dichlorophenol	10.250	162	152932	22.667	ng/ul	96
30) Naphthalene	10.637	128	477453	21.793	ng/ul	97
32) 4-Chloroaniline	10.749	127	187943	22.911	ng/ul	100
33) Hexachlorobutadiene	10.919	225	110553	20.169	ng/ul	95
34) Caprolactam	11.501	113	52285m	22.418	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	163847	20.685	ng/ul	97
36) 2-Methylnaphthalene	12.253	142	336034	21.341	ng/ul	100

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.471	142	343453	21.414	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.629	216	207654	21.515	ng/ul	96
40)	Hexachlorocyclopentadiene	12.600	237	68209	17.877	ng/ul	96
41)	2,4,6-Trichlorophenol	12.876	196	124282	22.783	ng/ul	97
42)	2,4,5-Trichlorophenol	12.958	196	128105	22.503	ng/ul	96
43)	1,1'-Biphenyl	13.270	154	453345	22.801	ng/ul	96
44)	2-Chloronaphthalene	13.311	162	372165	23.310	ng/ul	96
45)	2-Nitroaniline	13.522	65	124651	23.308	ng/ul	96
47)	Dimethylphthalate	13.892	163	452193	21.993	ng/ul	96
48)	2,6-Dinitrotoluene	14.022	165	90706	23.755	ng/ul#	92
50)	Acenaphthylene	14.163	152	569706	22.720	ng/ul	99
51)	3-Nitroaniline	14.351	138	78017	22.099	ng/ul	91
52)	Acenaphthene	14.504	153	403520	22.704	ng/ul	98
53)	2,4-Dinitrophenol	14.586	184	24865	12.742	ng/ul#	90
55)	4-Nitrophenol	14.692	109	56069	18.577	ng/ul	89
56)	Dibenzofuran	14.844	168	572875	22.863	ng/ul	97
57)	2,4-Dinitrotoluene	14.821	165	137420	24.220	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.079	232	108362	22.082	ng/ul#	90
59)	Diethylphthalate	15.261	149	447900	22.534	ng/ul	99
61)	Fluorene	15.496	166	460759	23.029	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.485	204	235902	21.163	ng/ul	98
63)	4-Nitroaniline	15.520	138	65876m	18.639	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.590	198	67394	17.866	ng/ul#	92
67)	N-Nitrosodiphenylamine	15.702	169	388609	22.755	ng/ul	97
68)	4-Bromophenyl-phenylether	16.384	248	158962	22.117	ng/ul	96
69)	Hexachlorobenzene	16.507	284	177035	21.985	ng/ul	96
70)	Atrazine	16.654	200	161965	22.436	ng/ul	96
71)	Pentachlorophenol	16.860	266	59828m	17.621	ng/ul	
72)	Phenanthrene	17.236	178	800666	23.559	ng/ul	100
74)	Anthracene	17.330	178	824948	23.983	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.234	216	206734	21.971	ng/ul	96
76)	Pentachlorobenzene	14.768	250	207186	22.226	ng/ul	97
77)	Carbazole	17.606	167	731952	26.288	ng/ul	97
78)	Di-n-butylphthalate	18.164	149	835572	24.849	ng/ul	99
80)	Fluoranthene	19.263	202	1009113	20.995	ng/ul	99
82)	Pyrene	19.627	202	1094248	21.398	ng/ul	95
83)	Butylbenzylphthalate	20.520	149	395491	25.194	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.354	252	321291	21.901	ng/ul	93
85)	Benzo(a)anthracene	21.431	228	1111638	21.827	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.343	149	602745	26.396	ng/ul	96
87)	Chrysene	21.495	228	1076469	22.177	ng/ul	99
89)	Di-n-octyl phthalate	22.477	149	993639	27.779	ng/ul	100
90)	Benzo(b)fluoranthene	23.516	252	1069757	22.712	ng/ul	99
91)	Benzo(k)fluoranthene	23.575	252	1082529	23.040	ng/ul	97
93)	Benzo(a)pyrene	24.327	252	999061	22.598	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	27.876	276	1226299	22.712	ng/ul	96
95)	Dibenzo(a,h)anthracene	27.917	278	1014201m	23.476	ng/ul	
96)	Benzo(g,h,i)perylene	28.940	276	951144	22.200	ng/ul	98

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

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