Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112124\
Data File : BG063502.D
Acq On : 21 Nov 2024 9:44
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 21 11:14:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020545

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	100370	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	409159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.470	164	308994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.226	188	740961	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	806235	20.000	ng/ul	0.00
88) Perylene-d12	24.523	264	901945	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	19927	7.836	ng/uL	0.00
4) Pyridine-d5	3.707	84	140402	17.614	ng/ul	0.00
7) Phenol-d5	7.009	99	169126	20.488	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.161	67	109005	20.588	ng/ul	0.00
11) 2-Chlorophenol-d4	7.367	132	121518	20.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.542	113	139641	20.243	ng/ul	0.00
21) Nitrobenzene-d5	8.983	128	62701	21.339	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143	73633	20.286	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	144032	20.789	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	178589	20.380	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	443164	21.127	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	517580	21.637	ng/ul	0.00
54) 4-Nitrophenol-d4	14.688	143	58197	18.672	ng/ul	0.00
60) Fluorene-d10	15.469	176	409811	21.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	79859	19.171	ng/ul	0.00
73) Anthracene-d10	17.326	188	686748	21.334	ng/ul	0.00
81) Pyrene-d10	19.623	212	887700	21.965	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.318	264	918925	21.005	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	22192	7.391	ng/uL	97
5) Pyridine	3.724	79	146375	18.047	ng/ul	92
6) Benzaldehyde	6.967	77	113716	24.068	ng/ul	93
8) Phenol	7.032	94	177318	19.699	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.255	93	133809	20.595	ng/ul#	95
12) 2-Chlorophenol	7.396	128	123044	19.705	ng/ul	97
13) 2-Methylphenol	8.278	108	134462	20.077	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.348	45	200049	21.018	ng/ul	96
16) Acetophenone	8.648	105	222744	20.441	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.630	70	127965	21.013	ng/ul	94
18) 4-Methylphenol	8.601	108	145988	19.874	ng/ul	90
19) Hexachloroethane	8.906	117	56500	20.951	ng/ul	92
22) Nitrobenzene	9.024	77	183146	20.318	ng/ul	99
23) Isophorone	9.547	82	341183	20.728	ng/ul	99
25) 2-Nitrophenol	9.741	139	78119	21.692	ng/ul	88
26) 2,4-Dimethylphenol	9.805	107	161761	20.838	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.029	93	183879	20.181	ng/ul	98
29) 2,4-Dichlorophenol	10.275	162	138595	20.475	ng/ul	92
30) Naphthalene	10.669	128	436483	20.869	ng/ul	95
32) 4-Chloroaniline	10.781	127	171804	20.517	ng/ul	98
33) Hexachlorobutadiene	10.957	225	121444	20.114	ng/ul	89
34) Caprolactam	11.527	113	42332	18.555	ng/ul	90
35) 4-Chloro-3-methylphenol	11.915	107	147533	21.415	ng/ul	98
36) 2-Methylnaphthalene	12.285	142	313219	21.098	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.502	142	327633	21.018	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.661	216	230072	21.189	ng/ul	97
40) Hexachlorocyclopentadiene	12.637	237	78113	16.866	ng/ul	95
41) 2,4,6-Trichlorophenol	12.902	196	121284	20.356	ng/ul	94
42) 2,4,5-Trichlorophenol	12.978	196	128079	20.830	ng/ul	95
43) 1,1'-Biphenyl	13.301	154	440162	21.464	ng/ul	98
44) 2-Chloronaphthalene	13.342	162	337057	20.918	ng/ul	94
45) 2-Nitroaniline	13.548	65	109442	21.549	ng/ul	90
47) Dimethylphthalate	13.924	163	438891	21.475	ng/ul	98
48) 2,6-Dinitrotoluene	14.047	165	85860	20.708	ng/ul#	80
50) Acenaphthylene	14.188	152	529318	22.012	ng/ul	97
51) 3-Nitroaniline	14.376	138	83065	21.874	ng/ul	87
52) Acenaphthene	14.535	153	377855	21.755	ng/ul	98
53) 2,4-Dinitrophenol	14.600	184	30761	14.450	ng/ul	97
55) 4-Nitrophenol	14.705	109	65598	18.110	ng/ul	94
56) Dibenzofuran	14.870	168	536363	21.525	ng/ul	95
57) 2,4-Dinitrotoluene	14.841	165	136469	21.509	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.105	232	115850	19.827	ng/ul	97
59) Diethylphthalate	15.293	149	440975	21.361	ng/ul	99
61) Fluorene	15.522	166	451602	21.290	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.516	204	266597	21.063	ng/ul	96
63) 4-Nitroaniline	15.546	138	90143	23.187	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	88496	19.881	ng/ul#	92
67) N-Nitrosodiphenylamine	15.734	169	370869	21.082	ng/ul	98
68) 4-Bromophenyl-phenylether	16.415	248	178439	21.493	ng/ul	97
69) Hexachlorobenzene	16.533	284	181440	20.845	ng/ul	96
70) Atrazine	16.686	200	183684	21.612	ng/ul	97
71) Pentachlorophenol	16.885	266	63241m	15.536	ng/ul	
72) Phenanthrene	17.267	178	764467	21.643	ng/ul	98
74) Anthracene	17.355	178	786027	21.793	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.266	216	221816	20.574	ng/ul	98
76) Pentachlorobenzene	14.794	250	222618	20.910	ng/ul	98
77) Carbazole	17.631	167	665899	22.252	ng/ul	99
78) Di-n-butylphthalate	18.195	149	757184	22.071	ng/ul	99
80) Fluoranthene	19.288	202	985682	22.058	ng/ul	99
82) Pyrene	19.653	202	1043852	21.799	ng/ul	99
83) Butylbenzylphthalate	20.552	149	337162	21.698	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	388865	22.453	ng/ul	98
85) Benzo(a)anthracene	21.468	228	1138723	21.843	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	496764	21.994	ng/ul	94
87) Chrysene	21.527	228	1056506	21.674	ng/ul	97
89) Di-n-octyl phthalate	22.526	149	861555	21.529	ng/ul	100
90) Benzo(b)fluoranthene	23.566	252	1130088	20.869	ng/ul	99
91) Benzo(k)fluoranthene	23.630	252	1146112	21.092	ng/ul	100
93) Benzo(a)pyrene	24.382	252	1050903	20.735	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.949	276	1309140	20.825	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.013	278	1073446m	20.887	ng/ul	
96) Benzo(g,h,i)perylene	29.024	276	991950	20.811	ng/ul	99

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

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