Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062696.D
Acq On : 10 Sep 2024 9:14
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020476

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 10 10:48:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	61799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	278592	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	222300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.274	188	584346	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	607647	20.000	ng/ul	0.00
88) Perylene-d12	24.583	264	668765	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	10423	7.624	ng/uL	0.00
4) Pyridine-d5	3.772	84	79913	18.363	ng/ul	0.00
7) Phenol-d5	7.068	99	99559	18.372	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.232	67	62073	19.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.438	132	76852	19.470	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	85001	18.823	ng/ul	0.00
21) Nitrobenzene-d5	9.060	128	37709	18.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	42296	19.423	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	92337	19.471	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	123306	18.916	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	334591	19.545	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	377001	19.829	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	52116	17.921	ng/ul	0.00
60) Fluorene-d10	15.523	176	302867	19.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	61290	18.234	ng/ul	0.00
73) Anthracene-d10	17.374	188	537885	19.504	ng/ul	0.00
81) Pyrene-d10	19.665	212	683160	19.979	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.377	264	682698	19.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	10901	7.115	ng/uL#	90
5) Pyridine	3.789	79	84941	18.609	ng/ul	99
6) Benzaldehyde	7.044	77	71218	23.903	ng/ul	95
8) Phenol	7.097	94	106841	18.966	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.327	93	82370	19.343	ng/ul	95
12) 2-Chlorophenol	7.468	128	81108	20.096	ng/ul	98
13) 2-Methylphenol	8.343	108	78870	18.671	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.419	45	148053	19.316	ng/ul	100
16) Acetophenone	8.719	105	144575	19.698	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.701	70	76156	19.821	ng/ul	94
18) 4-Methylphenol	8.666	108	92043	19.368	ng/ul	96
19) Hexachloroethane	8.983	117	31838	19.596	ng/ul#	85
22) Nitrobenzene	9.095	77	105048	19.502	ng/ul	99
23) Isophorone	9.618	82	214274	19.457	ng/ul	99
25) 2-Nitrophenol	9.812	139	47660	19.858	ng/ul	89
26) 2,4-Dimethylphenol	9.871	107	99989	19.497	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.106	93	119805	19.466	ng/ul	95
29) 2,4-Dichlorophenol	10.341	162	90878	19.456	ng/ul#	93
30) Naphthalene	10.746	128	288691	19.326	ng/ul	99
32) 4-Chloroaniline	10.852	127	123308	19.020	ng/ul	95
33) Hexachlorobutadiene	11.034	225	75715	19.458	ng/ul	93
34) Caprolactam	11.598	113	33121m	19.240	ng/ul	
35) 4-Chloro-3-methylphenol	11.974	107	100827	19.788	ng/ul	97
36) 2-Methylnaphthalene	12.356	142	212781	19.301	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.573	142	220986	19.569	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.720	216	150694	19.718	ng/ul	97
40) Hexachlorocyclopentadiene	12.703	237	69703	17.825	ng/ul	95
41) 2,4,6-Trichlorophenol	12.961	196	92416	19.964	ng/ul	97
42) 2,4,5-Trichlorophenol	13.032	196	99504	20.020	ng/ul	95
43) 1,1'-Biphenyl	13.361	154	306492	19.606	ng/ul	99
44) 2-Chloronaphthalene	13.402	162	249996	19.667	ng/ul	99
45) 2-Nitroaniline	13.607	65	67584	19.376	ng/ul	95
47) Dimethylphthalate	13.983	163	345531	19.600	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	61062	19.660	ng/ul	97
50) Acenaphthylene	14.248	152	393158	19.587	ng/ul	99
51) 3-Nitroaniline	14.430	138	62698	20.163	ng/ul#	95
52) Acenaphthene	14.594	153	279567	19.663	ng/ul	99
53) 2,4-Dinitrophenol	14.636	184	33428	16.299	ng/ul	95
55) 4-Nitrophenol	14.741	109	48630	18.604	ng/ul	93
56) Dibenzofuran	14.929	168	414203	19.611	ng/ul	100
57) 2,4-Dinitrotoluene	14.888	165	95121	19.588	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.153	232	100777	20.008	ng/ul	95
59) Diethylphthalate	15.352	149	339490	19.520	ng/ul	99
61) Fluorene	15.582	166	324691	19.569	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.570	204	190972	19.622	ng/ul	98
63) 4-Nitroaniline	15.593	138	69503	20.771	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.652	198	62554	17.954	ng/ul#	91
67) N-Nitrosodiphenylamine	15.787	169	290957	19.415	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	130073	19.344	ng/ul	94
69) Hexachlorobenzene	16.586	284	146295	19.055	ng/ul	99
70) Atrazine	16.733	200	130011	19.478	ng/ul	98
71) Pentachlorophenol	16.927	266	82653	17.999	ng/ul	98
72) Phenanthrene	17.315	178	592194	19.488	ng/ul	99
74) Anthracene	17.409	178	611662	19.744	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	155790	19.523	ng/ul	99
76) Pentachlorobenzene	14.853	250	168825	19.091	ng/ul	95
77) Carbazole	17.679	167	517446	20.142	ng/ul	99
78) Di-n-butylphthalate	18.243	149	597388	19.663	ng/ul	99
80) Fluoranthene	19.330	202	760982	20.094	ng/ul	99
82) Pyrene	19.694	202	824494	20.225	ng/ul	100
83) Butylbenzylphthalate	20.587	149	240730	19.892	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	281557	22.009	ng/ul	99
85) Benzo(a)anthracene	21.504	228	840484	19.887	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	356593	20.012	ng/ul	99
87) Chrysene	21.569	228	796475	19.865	ng/ul	99
89) Di-n-octyl phthalate	22.579	149	616392	19.815	ng/ul	100
90) Benzo(b)fluoranthene	23.619	252	808824	19.589	ng/ul	99
91) Benzo(k)fluoranthene	23.678	252	803551	19.006	ng/ul	98
93) Benzo(a)pyrene	24.442	252	766733	19.688	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.038	276	929787	19.377	ng/ul	99
95) Dibenzo(a,h)anthracene	28.090	278	733273	19.025	ng/ul	98
96) Benzo(g,h,i)perylene	29.113	276	705895	19.048	ng/ul	98

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

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