Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063845.D
Acq On : 26 Dec 2024 22:02
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020584

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 02:45:20 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	88227	20.000	ng/ul	0.00
20) Naphthalene-d8	10.588	136	358736	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.437	164	277241	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	683480	20.000	ng/ul	0.00
79) Chrysene-d12	21.440	240	711419	20.000	ng/ul	0.00
88) Perylene-d12	24.460	264	747668	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	20385	9.054	ng/uL	0.00
4) Pyridine-d5	3.661	84	146719	20.658	ng/ul	0.00
7) Phenol-d5	6.981	99	159560	19.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	99837	17.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.333	132	102639	19.511	ng/ul	0.00
15) 4-Methylphenol-d8	8.514	113	119832	18.995	ng/ul	0.00
21) Nitrobenzene-d5	8.949	128	57056	22.275	ng/ul	0.00
24) 2-Nitrophenol-d4	9.678	143	64886	22.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.218	165	120554	21.687	ng/ul	0.00
31) 4-Chloroaniline-d4	10.724	131	167589	23.744	ng/ul	0.00
46) Dimethylphthalate-d6	13.843	166	395631	20.972	ng/ul	0.00
49) Acenaphthylene-d8	14.131	160	461387	21.455	ng/ul	0.00
54) 4-Nitrophenol-d4	14.678	143	55382	20.720	ng/ul	0.00
60) Fluorene-d10	15.436	176	355459	21.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.571	200	69981	19.720	ng/ul	0.00
73) Anthracene-d10	17.292	188	650174	22.126	ng/ul	0.00
81) Pyrene-d10	19.590	212	766435	20.703	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.255	264	745271	21.226	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	23540	8.835	ng/uL	87
5) Pyridine	3.685	79	164696	21.650	ng/ul	92
6) Benzaldehyde	6.940	77	97162	19.494	ng/ul	96
8) Phenol	7.010	94	162909	18.812	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.222	93	125051	18.873	ng/ul	97
12) 2-Chlorophenol	7.369	128	106108	19.927	ng/ul	98
13) 2-Methylphenol	8.250	108	120627	19.272	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.315	45	183742	18.680	ng/ul	95
16) Acetophenone	8.614	105	206280	19.278	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.597	70	116866	18.304	ng/ul	88
18) 4-Methylphenol	8.579	108	137813	20.118	ng/ul	97
19) Hexachloroethane	8.867	117	47140	18.017	ng/ul	91
22) Nitrobenzene	8.996	77	176988	20.692	ng/ul	98
23) Isophorone	9.513	82	324343	20.069	ng/ul	96
25) 2-Nitrophenol	9.707	139	66134	22.412	ng/ul	90
26) 2,4-Dimethylphenol	9.772	107	140504	20.984	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.995	93	181298	20.741	ng/ul	91
29) 2,4-Dichlorophenol	10.248	162	117419	21.258	ng/ul	94
30) Naphthalene	10.635	128	380028	21.188	ng/ul	99
32) 4-Chloroaniline	10.747	127	160087	23.838	ng/ul	99
33) Hexachlorobutadiene	10.917	225	84087	18.738	ng/ul	99
34) Caprolactam	11.505	113	44472m	23.292	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	142521	21.978	ng/ul	95
36) 2-Methylnaphthalene	12.251	142	270481	20.983	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.469	142	280268	21.345	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.627	216	168986	19.040	ng/ul	98
40)	Hexachlorocyclopentadiene	12.598	237	54890	15.645	ng/ul	94
41)	2,4,6-Trichlorophenol	12.874	196	101825	20.299	ng/ul	96
42)	2,4,5-Trichlorophenol	12.950	196	107969	20.624	ng/ul	99
43)	1,1'-Biphenyl	13.268	154	380498	20.811	ng/ul	97
44)	2-Chloronaphthalene	13.309	162	307356	20.934	ng/ul	96
45)	2-Nitroaniline	13.520	65	108386	22.039	ng/ul	94
47)	Dimethylphthalate	13.890	163	392592	20.765	ng/ul	97
48)	2,6-Dinitrotoluene	14.020	165	79683	22.693	ng/ul	92
50)	Acenaphthylene	14.161	152	491809	21.329	ng/ul	100
51)	3-Nitroaniline	14.349	138	56955	17.544	ng/ul	99
52)	Acenaphthene	14.502	153	349869	21.407	ng/ul	98
53)	2,4-Dinitrophenol	14.572	184	29822	16.619	ng/ul	95
55)	4-Nitrophenol	14.684	109	57582	20.747	ng/ul	95
56)	Dibenzofuran	14.842	168	500255	21.711	ng/ul	93
57)	2,4-Dinitrotoluene	14.813	165	120359	23.068	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.077	232	90951	20.155	ng/ul	97
59)	Diethylphthalate	15.259	149	394218	21.568	ng/ul	97
61)	Fluorene	15.489	166	408963	22.228	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.483	204	212511	20.732	ng/ul	94
63)	4-Nitroaniline	15.518	138	48340	14.873	ng/ul	94
66)	4,6-Dinitro-2-methylph...	15.588	198	72323	19.783	ng/ul#	95
67)	N-Nitrosodiphenylamine	15.700	169	353939	21.385	ng/ul	98
68)	4-Bromophenyl-phenylether	16.382	248	140836	20.219	ng/ul	98
69)	Hexachlorobenzene	16.505	284	160012	20.503	ng/ul	97
70)	Atrazine	16.652	200	148849	21.275	ng/ul	94
71)	Pentachlorophenol	16.858	266	46463	14.121	ng/ul	94
72)	Phenanthrene	17.234	178	737155	22.381	ng/ul	97
74)	Anthracene	17.328	178	748804	22.462	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.232	216	169363	18.572	ng/ul	98
76)	Pentachlorobenzene	14.766	250	180034	19.928	ng/ul	95
77)	Carbazole	17.598	167	657317	24.359	ng/ul	98
78)	Di-n-butylphthalate	18.156	149	736827	22.610	ng/ul	98
80)	Fluoranthene	19.255	202	895994	21.294	ng/ul	98
82)	Pyrene	19.619	202	955229	21.338	ng/ul#	94
83)	Butylbenzylphthalate	20.512	149	316978	23.066	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.346	252	235318	18.323	ng/ul	95
85)	Benzo(a)anthracene	21.423	228	915682	20.538	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.335	149	459160	22.969	ng/ul	99
87)	Chrysene	21.487	228	867009	20.403	ng/ul	97
89)	Di-n-octyl phthalate	22.469	149	793831	24.599	ng/ul	100
90)	Benzo(b)fluoranthene	23.509	252	914177	21.513	ng/ul	99
91)	Benzo(k)fluoranthene	23.567	252	894133	21.094	ng/ul	98
93)	Benzo(a)pyrene	24.319	252	830270	20.816	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.868	276	1058198m	21.724	ng/ul	
95)	Dibenzo(a,h)anthracene	27.909	278	851475	21.846	ng/ul	96
96)	Benzo(g,h,i)perylene	28.920	276	812619	21.023	ng/ul	97

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

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