Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062788.D
Acq On : 13 Sep 2024 15:02
Operator : JU/RC
Sample : PB163356BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS356

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 13 23:20:55 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	7.900	152	42631	20.000	ng/ul	0.00
20) Naphthalene-d8	10.691	136	202434	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	163775	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	436131	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	464561	20.000	ng/ul	0.00
88) Perylene-d12	24.575	264	519543	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7955	8.435	ng/uL	0.00
4) Pyridine-d5	3.764	84	100672	33.535	ng/ul	0.00
7) Phenol-d5	7.066	99	114418	30.608	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	65367	29.166	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	84344	30.975	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	100732	32.336	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	43878	30.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	56937	35.983	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	126948	36.840	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	142077	29.995	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	454312	36.023	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	498132	35.563	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	80313	37.486	ng/ul	0.00
60) Fluorene-d10	15.520	176	418179	36.796	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	94642	37.725	ng/ul	0.00
73) Anthracene-d10	17.371	188	743654	36.130	ng/ul	0.00
81) Pyrene-d10	19.663	212	968069	37.031	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	991804	36.153	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	14319	13.547	ng/uL#	84
5) Pyridine	3.781	79	105374	33.466	ng/ul	97
6) Benzaldehyde	7.042	77	51063m	24.844	ng/ul	
8) Phenol	7.095	94	115744	29.785	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.324	93	85171	28.994	ng/ul	95
12) 2-Chlorophenol	7.465	128	86932	31.224	ng/ul	98
13) 2-Methylphenol	8.341	108	91433	31.378	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.423	45	154391	29.200	ng/ul	98
16) Acetophenone	8.717	105	152801	30.180	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.705	70	83110	31.357	ng/ul	99
18) 4-Methylphenol	8.670	108	102500	31.266	ng/ul	94
19) Hexachloroethane	8.981	117	35033	31.257	ng/ul	94
22) Nitrobenzene	9.099	77	117269	29.961	ng/ul	92
23) Isophorone	9.616	82	250049	31.248	ng/ul	99
25) 2-Nitrophenol	9.809	139	57764	33.122	ng/ul	96
26) 2,4-Dimethylphenol	9.868	107	100014	26.839	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.097	93	147462	32.973	ng/ul	97
29) 2,4-Dichlorophenol	10.344	162	119825	35.305	ng/ul#	96
30) Naphthalene	10.744	128	372088	34.281	ng/ul	99
32) 4-Chloroaniline	10.849	127	131005	27.810	ng/ul	96
33) Hexachlorobutadiene	11.032	225	100004	35.369	ng/ul	97
34) Caprolactam	11.602	113	44444m	35.530	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	136181	36.782	ng/ul	96
36) 2-Methylnaphthalene	12.354	142	277320	34.618	ng/ul	91

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.571	142	283233	34.517	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.724	216	199162	35.373	ng/ul	97
40)	Hexachlorocyclopentadiene	12.700	237	90111	31.278	ng/ul#	93
41)	2,4,6-Trichlorophenol	12.959	196	106781	31.311	ng/ul	98
42)	2,4,5-Trichlorophenol	13.035	196	123807	33.812	ng/ul	92
43)	1,1'-Biphenyl	13.358	154	400839	34.805	ng/ul	98
44)	2-Chloronaphthalene	13.405	162	325076	34.712	ng/ul	99
45)	2-Nitroaniline	13.605	65	97072	37.774	ng/ul	100
47)	Dimethylphthalate	13.981	163	469732	36.166	ng/ul	98
48)	2,6-Dinitrotoluene	14.099	165	89214	38.988	ng/ul	96
50)	Acenaphthylene	14.251	152	548358	37.082	ng/ul	100
51)	3-Nitroaniline	14.428	138	86715	37.851	ng/ul#	93
52)	Acenaphthene	14.592	153	359065	34.279	ng/ul	99
53)	2,4-Dinitrophenol	14.639	184	52899	35.010	ng/ul	96
55)	4-Nitrophenol	14.745	109	69723	36.204	ng/ul	99
56)	Dibenzofuran	14.927	168	544478	34.991	ng/ul	99
57)	2,4-Dinitrotoluene	14.892	165	140522	39.278	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.156	232	109576	29.530	ng/ul	96
59)	Diethylphthalate	15.350	149	464594	36.260	ng/ul	100
61)	Fluorene	15.579	166	440880	36.067	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.573	204	263921	36.807	ng/ul	99
63)	4-Nitroaniline	15.597	138	102082	41.408	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.656	198	94932	36.506	ng/ul	97
67)	N-Nitrosodiphenylamine	15.785	169	405103	36.218	ng/ul	98
68)	4-Bromophenyl-phenylether	16.466	248	185485	36.959	ng/ul	97
69)	Hexachlorobenzene	16.584	284	207383	36.192	ng/ul	97
70)	Atrazine	16.725	200	4839	0.971	ng/ul	94
71)	Pentachlorophenol	16.925	266	79020	23.056	ng/ul	95
72)	Phenanthrene	17.318	178	818234	36.077	ng/ul	99
74)	Anthracene	17.406	178	817402	35.353	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.329	216	201124	33.769	ng/ul	98
76)	Pentachlorobenzene	14.851	250	220608	33.425	ng/ul	99
77)	Carbazole	17.677	167	715914	37.338	ng/ul	97
78)	Di-n-butylphthalate	18.241	149	857690	37.824	ng/ul	100
80)	Fluoranthene	19.328	202	1072158	37.031	ng/ul	100
82)	Pyrene	19.692	202	1119240	35.912	ng/ul	100
83)	Butylbenzylphthalate	20.585	149	371669	40.172	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.419	252	363487	37.164	ng/ul	97
85)	Benzo(a)anthracene	21.502	228	1185535	36.692	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.419	149	538020	39.493	ng/ul	99
87)	Chrysene	21.566	228	1140157	37.195	ng/ul	99
89)	Di-n-octyl phthalate	22.577	149	938092	38.818	ng/ul	100
90)	Benzo(b)fluoranthene	23.617	252	1190126	37.102	ng/ul	99
91)	Benzo(k)fluoranthene	23.676	252	1178164	35.870	ng/ul	98
93)	Benzo(a)pyrene	24.439	252	1071084	35.402	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.035	276	1376200	36.918	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.094	278	1144355	38.219	ng/ul	100
96)	Benzo(g,h,i)perylene	29.105	276	1084904	37.683	ng/ul	98

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

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