Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062842.D
Acq On : 15 Sep 2024 11:42
Operator : JU/RC
Sample : PB163396BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS396

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

Quant Time: Sep 15 23:27:51 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	7.901	152	36412	20.000	ng/ul	0.00
20) Naphthalene-d8	10.691	136	150194	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	127691	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.272	188	345625	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240	374972	20.000	ng/ul	# 0.00
88) Perylene-d12	24.581	264	418948	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	4978	6.180	ng/uL	0.00
4) Pyridine-d5	3.764	84	71842	28.019	ng/ul	0.00
7) Phenol-d5	7.072	99	95220	29.822	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67	54376	28.405	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	71744	30.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	82262	30.917	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	39585	36.876	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	44868	38.218	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	93152	36.435	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	100151	28.498	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	317001	32.238	ng/ul	0.00
49) Acenaphthylene-d8	14.223	160	354944	32.502	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	54334	32.527	ng/ul	0.00
60) Fluorene-d10	15.521	176	294544	33.241	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	72457	36.445	ng/ul	0.00
73) Anthracene-d10	17.372	188	534803	32.787	ng/ul	0.00
81) Pyrene-d10	19.663	212	700235	33.185	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	735265	33.237	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	9786	10.840	ng/uL#	91
5) Pyridine	3.782	79	74277	27.619	ng/ul	97
6) Benzaldehyde	7.043	77	44868m	25.559	ng/ul	
8) Phenol	7.096	94	98081	29.551	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.325	93	68711	27.385	ng/ul	95
12) 2-Chlorophenol	7.466	128	74635	31.386	ng/ul	96
13) 2-Methylphenol	8.341	108	78615	31.587	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.423	45	126135	27.930	ng/ul#	95
16) Acetophenone	8.717	105	127783	29.549	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.705	70	66302	29.288	ng/ul#	95
18) 4-Methylphenol	8.670	108	85807	30.644	ng/ul	92
19) Hexachloroethane	8.982	117	31701	33.115	ng/ul	87
22) Nitrobenzene	9.099	77	102782	35.394	ng/ul#	94
23) Isophorone	9.616	82	186395	31.395	ng/ul	98
25) 2-Nitrophenol	9.804	139	45666	35.293	ng/ul#	94
26) 2,4-Dimethylphenol	9.869	107	72313	26.154	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.104	93	101831	30.690	ng/ul	96
29) 2,4-Dichlorophenol	10.345	162	88826	35.274	ng/ul	99
30) Naphthalene	10.744	128	256704	31.876	ng/ul	99
32) 4-Chloroaniline	10.850	127	90746	25.964	ng/ul	99
33) Hexachlorobutadiene	11.032	225	78604	37.470	ng/ul	93
34) Caprolactam	11.602	113	30244m	32.588	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	100340	36.528	ng/ul	94
36) 2-Methylnaphthalene	12.354	142	197691	33.262	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	198942	32.677	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.718	216	150053	34.182	ng/ul	98
40) Hexachlorocyclopentadiene	12.701	237	71551	31.855	ng/ul	99
41) 2,4,6-Trichlorophenol	12.959	196	82802	31.140	ng/ul	99
42) 2,4,5-Trichlorophenol	13.036	196	95752	33.540	ng/ul	95
43) 1,1'-Biphenyl	13.365	154	284545	31.689	ng/ul	98
44) 2-Chloronaphthalene	13.406	162	234803	32.157	ng/ul	98
45) 2-Nitroaniline	13.606	65	72403	36.137	ng/ul	96
47) Dimethylphthalate	13.982	163	324845	32.079	ng/ul	98
48) 2,6-Dinitrotoluene	14.105	165	65042	36.457	ng/ul	93
50) Acenaphthylene	14.252	152	379361	32.903	ng/ul	99
51) 3-Nitroaniline	14.434	138	61846	34.625	ng/ul	93
52) Acenaphthene	14.593	153	254250	31.132	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	37861	32.138	ng/ul	94
55) 4-Nitrophenol	14.751	109	51504	34.301	ng/ul	92
56) Dibenzofuran	14.928	168	385829	31.802	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	102077	36.595	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.157	232	80932	27.974	ng/ul	96
59) Diethylphthalate	15.351	149	323813	32.414	ng/ul	100
61) Fluorene	15.580	166	310207	32.548	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.568	204	189877	33.964	ng/ul	98
63) 4-Nitroaniline	15.597	138	70605	36.733	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.656	198	71113	34.507	ng/ul	95
67) N-Nitrosodiphenylamine	15.785	169	281713	31.782	ng/ul	98
68) 4-Bromophenyl-phenylether	16.467	248	135306	34.021	ng/ul	95
69) Hexachlorobenzene	16.584	284	154939	34.120	ng/ul#	90
70) Atrazine	16.731	200	2899	0.734	ng/ul#	87
71) Pentachlorophenol	16.925	266	46365	17.070	ng/ul	89
72) Phenanthrene	17.319	178	584924	32.544	ng/ul	99
74) Anthracene	17.407	178	577809	31.534	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.329	216	150042	31.789	ng/ul	97
76) Pentachlorobenzene	14.851	250	167133	31.954	ng/ul	96
77) Carbazole	17.677	167	500604	32.946	ng/ul	98
78) Di-n-butylphthalate	18.241	149	593669	33.036	ng/ul	100
80) Fluoranthene	19.328	202	767787	32.854	ng/ul	98
82) Pyrene	19.693	202	797043	31.684	ng/ul	99
83) Butylbenzylphthalate	20.586	149	265501	35.553	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.420	252	278283	35.251	ng/ul	99
85) Benzo(a)anthracene	21.502	228	879311	33.717	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.420	149	385630	35.070	ng/ul	98
87) Chrysene	21.567	228	822420	33.240	ng/ul	99
89) Di-n-octyl phthalate	22.572	149	655905	33.658	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	867838	33.551	ng/ul	99
91) Benzo(k)fluoranthene	23.682	252	883809	33.370	ng/ul	99
93) Benzo(a)pyrene	24.446	252	782833	32.087	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.042	276	1030510	34.283	ng/ul	98
95) Dibenzo(a,h)anthracene	28.094	278	817429	33.856	ng/ul	98
96) Benzo(g,h,i)perylene	29.123	276	813619	35.046	ng/ul	95

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

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