Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059564.D
Acq On : 31 Oct 2023 17:10
Operator : MA/JU
Sample : PB156552BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS552

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 04:10:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.359	152	84530	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	437253	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.986	164	280234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.742	188	588707	20.000	ng/ul	0.00
79) Chrysene-d12	22.078	240	479002	20.000	ng/ul	0.00
88) Perylene-d12	25.685	264	540613	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	10848	4.802	ng/uL	0.00
4) Pyridine-d5	4.087	84	156640	24.811	ng/ul	0.00
7) Phenol-d5	7.466	99	237285	27.317	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	106152	26.606	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	194749	27.636	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	193407	28.065	ng/ul	0.00
21) Nitrobenzene-d5	9.557	128	96181	30.936	ng/ul	0.00
24) 2-Nitrophenol-d4	10.268	143	98894	30.985	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.797	165	225857	32.118	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	312526	26.998	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	697094	27.457	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	808599	27.139	ng/ul	0.00
54) 4-Nitrophenol-d4	15.157	143	140565	32.286	ng/ul	0.00
60) Fluorene-d10	15.979	176	599447	27.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	108144m	38.790	ng/ul	0.00
73) Anthracene-d10	17.842	188	930940m	29.189	ng/ul	0.00
81) Pyrene-d10	20.110	212	997864	29.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.433	264	947206	29.754	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.688	88	24324	9.619	ng/uL#	92
5) Pyridine	4.105	79	148841	23.901	ng/ul	88
6) Benzaldehyde	7.501	77	104710	26.763	ng/ul	88
8) Phenol	7.495	94	234000	28.575	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.771	93	162342	27.033	ng/ul	98
12) 2-Chlorophenol	7.906	128	204929	29.333	ng/ul	90
13) 2-Methylphenol	8.776	108	193979	28.415	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.864	45	140215m	24.811	ng/ul	
16) Acetophenone	9.199	105	310061	28.542	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.164	70	130183	25.433	ng/ul#	92
18) 4-Methylphenol	9.105	108	214925	29.590	ng/ul	87
19) Hexachloroethane	9.446	117	80683	29.078	ng/ul	93
22) Nitrobenzene	9.598	77	206288	30.740	ng/ul	97
23) Isophorone	10.110	82	402945	23.844	ng/ul#	93
25) 2-Nitrophenol	10.309	139	111887	32.595	ng/ul#	82
26) 2,4-Dimethylphenol	10.327	107	220090	24.377	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.597	93	222607	23.657	ng/ul	94
29) 2,4-Dichlorophenol	10.826	162	219071	32.201	ng/ul#	94
30) Naphthalene	11.261	128	801009	29.391	ng/ul	97
32) 4-Chloroaniline	11.373	127	282595	25.700	ng/ul	95
33) Hexachlorobutadiene	11.490	225	120985	29.644	ng/ul	99
34) Caprolactam	12.148	113	71777m	28.840	ng/ul	
35) 4-Chloro-3-methylphenol	12.442	107	267785	32.989	ng/ul	94
36) 2-Methylnaphthalene	12.836	142	561383	29.942	ng/ul	94

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.053	142	551979	29.557	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.177	216	235283	29.109	ng/ul	98
40)	Hexachlorocyclopentadiene	13.130	237	122732	26.048	ng/ul#	92
41)	2,4,6-Trichlorophenol	13.417	196	170855	30.527	ng/ul	87
42)	2,4,5-Trichlorophenol	13.488	196	186805	30.830	ng/ul	99
43)	1,1'-Biphenyl	13.829	154	704355	27.784	ng/ul	98
44)	2-Chloronaphthalene	13.882	162	540347	27.424	ng/ul	96
45)	2-Nitroaniline	14.093	65	147357	40.194	ng/ul	92
47)	Dimethylphthalate	14.434	163	691096	27.552	ng/ul#	96
48)	2,6-Dinitrotoluene	14.569	165	138722	36.662	ng/ul#	77
50)	Acenaphthylene	14.722	152	969165	28.232	ng/ul	98
51)	3-Nitroaniline	14.904	138	161269	34.193	ng/ul#	85
52)	Acenaphthene	15.051	153	624831	27.923	ng/ul	100
53)	2,4-Dinitrophenol	15.098	184	71574	33.291	ng/ul	88
55)	4-Nitrophenol	15.174	109	172908	36.037	ng/ul	95
56)	Dibenzofuran	15.386	168	822759	28.360	ng/ul	93
57)	2,4-Dinitrotoluene	15.345	165	202425	38.032	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.591	232	150913	31.733	ng/ul	92
59)	Diethylphthalate	15.779	149	784191	28.660	ng/ul	98
61)	Fluorene	16.032	166	705980	28.189	ng/ul	93
62)	4-Chlorophenyl-phenyle...	16.014	204	307753	28.753	ng/ul	98
63)	4-Nitroaniline	16.067	138	169164m	33.797	ng/ul	
66)	4,6-Dinitro-2-methylph...	16.091	198	110432	37.584	ng/ul#	76
67)	N-Nitrosodiphenylamine	16.232	169	608275	30.239	ng/ul	99
68)	4-Bromophenyl-phenylether	16.913	248	180230	30.594	ng/ul	89
69)	Hexachlorobenzene	17.001	284	212541	31.218	ng/ul	97
70)	Atrazine	17.166	200	177980	28.553	ng/ul#	92
71)	Pentachlorophenol	17.354	266	125165	32.180	ng/ul	97
72)	Phenanthrene	17.783	178	1132173m	29.583	ng/ul	
74)	Anthracene	17.877	178	1142994	29.578	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.782	216	233427	29.775	ng/uL	93
76)	Pentachlorobenzene	15.274	250	214375	28.817	ng/uL	95
77)	Carbazole	18.147	167	1066204	32.118	ng/ul	95
78)	Di-n-butylphthalate	18.658	149	1340689	29.394	ng/ul	100
80)	Fluoranthene	19.775	202	1252379	30.858	ng/ul	99
82)	Pyrene	20.139	202	1278941	30.337	ng/ul	96
83)	Butylbenzylphthalate	21.009	149	615336	32.320	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.966	252	397524	31.913	ng/ul#	90
85)	Benzo(a)anthracene	22.054	228	1196201	30.346	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.902	149	890168	31.334	ng/ul	100
87)	Chrysene	22.131	228	1102299	30.061	ng/ul	94
89)	Di-n-octyl phthalate	23.253	149	1535835	32.448	ng/ul	100
90)	Benzo(b)fluoranthene	24.522	252	1181247	30.143	ng/ul	97
91)	Benzo(k)fluoranthene	24.598	252	1196202m	30.560	ng/ul	
93)	Benzo(a)pyrene	25.521	252	1114489	30.090	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.880	276	1421980m	30.290	ng/ul	
95)	Dibenzo(a,h)anthracene	29.963	278	1181972	30.484	ng/ul#	96
96)	Benzo(g,h,i)perylene	31.214	276	1134283	29.521	ng/ul	97

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

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