Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072723\
Data File : BG058507.D
Acq On : 27 Jul 2023 19:00
Operator : MA/JU
Sample : PB154144BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 28 02:52:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 17:43:09 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS144

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	55528	20.000	ng/ul	0.00
20) Naphthalene-d8	10.614	136	246549	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	169677	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	400971	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	349192	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	389538	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	9055	6.002	ng/uL	0.00
4) Pyridine-d5	3.646	84	129818	28.990	ng/ul	0.00
7) Phenol-d5	6.983	99	168746	32.035	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	102911	31.258	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	119213	32.331	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	121395	30.213	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	61130	33.079	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	68953	34.177	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	128722	33.283	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	164439	29.329	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	398256	30.438	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	448584	32.715	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	55780	28.229	ng/ul	0.00
60) Fluorene-d10	15.456	176	353018	32.588	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	65674	32.148	ng/ul	0.00
73) Anthracene-d10	17.306	188	569778	32.887	ng/ul	0.00
81) Pyrene-d10	19.598	212	690108	33.461	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	686571	36.466	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	21298	12.446	ng/uL	93
5) Pyridine	3.669	79	133867	28.308	ng/ul	95
6) Benzaldehyde	6.954	77	100930	47.445	ng/ul	96
8) Phenol	7.013	94	170102	31.096	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.242	93	131064	31.275	ng/ul	98
12) 2-Chlorophenol	7.383	128	122963	31.859	ng/ul	100
13) 2-Methylphenol	8.264	108	128181	30.065	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.340	45	212976m	31.012	ng/ul	
16) Acetophenone	8.640	105	206151	30.128	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.623	70	107114	28.602	ng/ul	98
18) 4-Methylphenol	8.593	108	141678	30.577	ng/ul	95
19) Hexachloroethane	8.893	117	48897	32.140	ng/ul	93
22) Nitrobenzene	9.022	77	154215	31.292	ng/ul	98
23) Isophorone	9.539	82	317934	28.775	ng/ul	99
25) 2-Nitrophenol	9.733	139	71910	33.369	ng/ul	97
26) 2,4-Dimethylphenol	9.792	107	135376	28.173	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.027	93	179973	30.756	ng/ul	98
29) 2,4-Dichlorophenol	10.268	162	121578	33.120	ng/ul	96
30) Naphthalene	10.667	128	411938	31.259	ng/ul	99
32) 4-Chloroaniline	10.779	127	162664	28.386	ng/ul	99
33) Hexachlorobutadiene	10.949	225	89030	33.918	ng/ul	96
34) Caprolactam	11.543	113	43705m	28.666	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	148129	31.708	ng/ul	99
36) 2-Methylnaphthalene	12.283	142	275134	31.162	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	276822	30.592	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.653	216	167772	34.157	ng/ul	99
40) Hexachlorocyclopentadiene	12.624	237	56606	21.427	ng/ul	99
41) 2,4,6-Trichlorophenol	12.894	196	111236	33.454	ng/ul	98
42) 2,4,5-Trichlorophenol	12.970	196	118781	33.501	ng/ul	99
43) 1,1'-Biphenyl	13.294	154	368300	32.100	ng/ul	98
44) 2-Chloronaphthalene	13.341	162	297352	32.596	ng/ul	96
45) 2-Nitroaniline	13.546	65	107668	33.978	ng/ul	97
47) Dimethylphthalate	13.916	163	397836	30.271	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	87002	34.257	ng/ul	94
50) Acenaphthylene	14.187	152	473387	31.984	ng/ul	99
51) 3-Nitroaniline	14.375	138	80399	37.987	ng/ul	95
52) Acenaphthene	14.527	153	328682	31.985	ng/ul	100
53) 2,4-Dinitrophenol	14.586	184	31975	23.657	ng/ul	98
55) 4-Nitrophenol	14.692	109	43785	28.772	ng/ul	93
56) Dibenzofuran	14.862	168	467633	31.959	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	126430	34.516	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.091	232	106904	32.634	ng/ul#	98
59) Diethylphthalate	15.279	149	413680	30.554	ng/ul	99
61) Fluorene	15.514	166	383162	31.932	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.503	204	210250	33.005	ng/ul	98
63) 4-Nitroaniline	15.538	138	77526	40.482	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.597	198	66768	31.767	ng/ul	99
67) N-Nitrosodiphenylamine	15.720	169	328530	33.053	ng/ul	98
68) 4-Bromophenyl-phenylether	16.396	248	147344	34.693	ng/ul	96
69) Hexachlorobenzene	16.513	284	167367	34.924	ng/ul	98
70) Atrazine	16.666	200	133024	34.136	ng/ul	97
71) Pentachlorophenol	16.860	266	64760	24.074	ng/ul	96
72) Phenanthrene	17.254	178	635991	33.376	ng/ul	99
74) Anthracene	17.342	178	625875	32.718	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	167128	33.230	ng/uL	96
76) Pentachlorobenzene	14.786	250	180731	32.860	ng/uL	98
77) Carbazole	17.612	167	587725	35.443	ng/ul	99
78) Di-n-butylphthalate	18.164	149	742777	35.251	ng/ul	99
80) Fluoranthene	19.263	202	779977	33.012	ng/ul	99
82) Pyrene	19.627	202	778461	32.517	ng/ul	98
83) Butylbenzylphthalate	20.514	149	328773	34.876	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.349	252	276722	35.500	ng/ul	98
85) Benzo(a)anthracene	21.431	228	806002	34.340	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	466784	34.813	ng/ul#	98
87) Chrysene	21.496	228	770931	34.629	ng/ul	99
89) Di-n-octyl phthalate	22.489	149	820499	39.587	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	800847	35.533	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	787660	35.041	ng/ul	99
93) Benzo(a)pyrene	24.375	252	726584	36.245	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.006	276	710846m	26.914	ng/ul	
95) Dibenzo(a,h)anthracene	28.059	278	581307	26.840	ng/ul	98
96) Benzo(g,h,i)perylene	29.093	276	556996m	25.884	ng/ul	

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

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