Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072723\
Data File : BG058503.D
Acq On : 27 Jul 2023 16:14
Operator : MA/JU
Sample : PB154090BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 28 02:41:49 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 :
SLCS090

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	52060	20.000	ng/ul	0.00
20) Naphthalene-d8	10.615	136	226237	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	157370	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	385868	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	335172	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	378910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	8562m	6.053	ng/uL	0.00
4) Pyridine-d5	3.646	84	126465	30.123	ng/ul	0.00
7) Phenol-d5	6.984	99	156756	31.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	96108	31.136	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	113385	32.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.529	113	114667	30.440	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	55858	32.939	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	63809	34.467	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	117136	33.006	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	150647	29.281	ng/ul	0.00
46) Dimethylphthalate-d6	13.870	166	372396	30.687	ng/ul	0.00
49) Acenaphthylene-d8	14.158	160	420245	33.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	52342	28.560	ng/ul	0.00
60) Fluorene-d10	15.456	176	331784	33.023	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	58439	29.726	ng/ul	0.00
73) Anthracene-d10	17.307	188	545702	32.730	ng/ul	0.00
81) Pyrene-d10	19.598	212	656438	33.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	675309	36.874	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	20402	12.716	ng/uL#	90
5) Pyridine	3.670	79	127042	28.654	ng/ul	94
6) Benzaldehyde	6.954	77	96868m	48.569	ng/ul	
8) Phenol	7.013	94	160686	31.331	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.236	93	121312	30.876	ng/ul	96
12) 2-Chlorophenol	7.377	128	117065	32.351	ng/ul	99
13) 2-Methylphenol	8.264	108	121997	30.520	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.347	45	199051m	30.915	ng/ul	
16) Acetophenone	8.641	105	190818	29.745	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.623	70	100622	28.659	ng/ul	96
18) 4-Methylphenol	8.594	108	131212	30.205	ng/ul	99
19) Hexachloroethane	8.893	117	46051	32.286	ng/ul	91
22) Nitrobenzene	9.022	77	143705	31.777	ng/ul	97
23) Isophorone	9.539	82	294893	29.086	ng/ul	98
25) 2-Nitrophenol	9.733	139	68120	34.448	ng/ul	95
26) 2,4-Dimethylphenol	9.792	107	129424	29.353	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.027	93	168747	31.427	ng/ul	97
29) 2,4-Dichlorophenol	10.268	162	112988	33.544	ng/ul	94
30) Naphthalene	10.668	128	386010	31.921	ng/ul	99
32) 4-Chloroaniline	10.779	127	150716	28.663	ng/ul	100
33) Hexachlorobutadiene	10.950	225	84263	34.984	ng/ul	97
34) Caprolactam	11.543	113	40227m	28.754	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	134518	31.380	ng/ul	95
36) 2-Methylnaphthalene	12.283	142	258657	31.926	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	260027	31.316	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.653	216	156961	34.455	ng/ul	99
40) Hexachlorocyclopentadiene	12.624	237	49888	20.361	ng/ul	97
41) 2,4,6-Trichlorophenol	12.894	196	104772	33.974	ng/ul	98
42) 2,4,5-Trichlorophenol	12.971	196	109201	33.207	ng/ul	100
43) 1,1'-Biphenyl	13.294	154	344247	32.350	ng/ul	100
44) 2-Chloronaphthalene	13.341	162	277984	32.856	ng/ul	98
45) 2-Nitroaniline	13.547	65	100785	34.294	ng/ul	97
47) Dimethylphthalate	13.917	163	375346	30.793	ng/ul#	98
48) 2,6-Dinitrotoluene	14.046	165	84576	35.907	ng/ul	90
50) Acenaphthylene	14.187	152	445861	32.480	ng/ul	100
51) 3-Nitroaniline	14.375	138	73688	37.539	ng/ul	93
52) Acenaphthene	14.528	153	306933	32.204	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	27321	21.794	ng/ul	93
55) 4-Nitrophenol	14.692	109	39583	28.045	ng/ul	95
56) Dibenzofuran	14.863	168	443445	32.676	ng/ul	100
57) 2,4-Dinitrotoluene	14.833	165	119557	35.192	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.092	232	101946	33.554	ng/ul#	97
59) Diethylphthalate	15.280	149	390345	31.085	ng/ul	99
61) Fluorene	15.509	166	363097	32.626	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.503	204	195471	33.085	ng/ul	98
63) 4-Nitroaniline	15.538	138	75034m	42.245	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	59856	29.594	ng/ul#	95
67) N-Nitrosodiphenylamine	15.720	169	310508	32.463	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	138461	33.877	ng/ul	95
69) Hexachlorobenzene	16.514	284	156338	33.899	ng/ul	98
70) Atrazine	16.666	200	125968	33.590	ng/ul	95
71) Pentachlorophenol	16.866	266	59742	23.078	ng/ul	95
72) Phenanthrene	17.248	178	603915	32.933	ng/ul	98
74) Anthracene	17.342	178	601949	32.699	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.259	216	157146	32.468	ng/uL	98
76) Pentachlorobenzene	14.780	250	169520	32.028	ng/uL	96
77) Carbazole	17.612	167	555593	34.816	ng/ul	99
78) Di-n-butylphthalate	18.165	149	705411	34.788	ng/ul	99
80) Fluoranthene	19.263	202	743279	32.774	ng/ul	99
82) Pyrene	19.628	202	748681	32.581	ng/ul	99
83) Butylbenzylphthalate	20.515	149	312488	34.535	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.349	252	267066	35.694	ng/ul	100
85) Benzo(a)anthracene	21.431	228	771634	34.251	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	438127	34.042	ng/ul	99
87) Chrysene	21.490	228	729907	34.157	ng/ul	98
89) Di-n-octyl phthalate	22.489	149	783409	38.858	ng/ul	100
90) Benzo(b)fluoranthene	23.547	252	771360	35.184	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	818554	37.436	ng/ul	98
93) Benzo(a)pyrene	24.375	252	693084	35.544	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.012	276	658547	25.633	ng/ul	98
95) Dibenzo(a,h)anthracene	28.071	278	574606m	27.275	ng/ul	
96) Benzo(g,h,i)perylene	29.099	276	513163	24.516	ng/ul	99

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

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