Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071723\
Data File : BG058289.D
Acq On : 17 Jul 2023 20:04
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 18 02:26:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV448

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
07/19/2023
Supervised By :mohammad ahmed
07/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	45526	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	209183	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	151605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	382005	20.000	ng/ul	0.00
79) Chrysene-d12	21.532	240	340350	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	415472	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	9943	8.039	ng/uL	0.00
4) Pyridine-d5	3.752	84	69853	19.026	ng/ul	0.00
7) Phenol-d5	7.066	99	84538	19.575	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	54327	20.126	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	59906	19.816	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	62848	19.078	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	30950	19.739	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	34479	20.143	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	63616	19.387	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	95768	20.132	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	219975	18.816	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	237530	19.388	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	34074	19.299	ng/ul	0.00
60) Fluorene-d10	15.527	176	188322	19.457	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	36942	18.981	ng/ul	0.00
73) Anthracene-d10	17.378	188	318399	19.290	ng/ul	0.00
81) Pyrene-d10	19.669	212	382024	19.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.452	264	370477	18.449	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	11485m	8.186	ng/uL	
5) Pyridine	3.770	79	76403	19.706	ng/ul	97
6) Benzaldehyde	7.037	77	26351m	15.108	ng/ul	
8) Phenol	7.090	94	88157	19.656	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.319	93	68703	19.996	ng/ul	97
12) 2-Chlorophenol	7.466	128	61772	19.521	ng/ul	98
13) 2-Methylphenol	8.341	108	67587	19.335	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.423	45	114344m	20.308	ng/ul	
16) Acetophenone	8.717	105	112495	20.053	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.700	70	60216	19.612	ng/ul	95
18) 4-Methylphenol	8.670	108	74989	19.740	ng/ul	100
19) Hexachloroethane	8.976	117	24453	19.604	ng/ul	92
22) Nitrobenzene	9.099	77	81787	19.560	ng/ul	96
23) Isophorone	9.622	82	180686	19.274	ng/ul	100
25) 2-Nitrophenol	9.816	139	36868	20.164	ng/ul	94
26) 2,4-Dimethylphenol	9.869	107	79295	19.450	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.104	93	97333	19.605	ng/ul	98
29) 2,4-Dichlorophenol	10.345	162	61541	19.760	ng/ul	95
30) Naphthalene	10.750	128	217024	19.410	ng/ul	99
32) 4-Chloroaniline	10.862	127	98690	20.299	ng/ul	98
33) Hexachlorobutadiene	11.032	225	45534	20.446	ng/ul	96
34) Caprolactam	11.620	113	24883	19.236	ng/ul	93
35) 4-Chloro-3-methylphenol	11.984	107	76937	19.411	ng/ul	97
36) 2-Methylnaphthalene	12.360	142	146155	19.511	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	149510	19.474	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.730	216	86415	19.690	ng/ul	99
40) Hexachlorocyclopentadiene	12.707	237	45880	19.437	ng/ul	98
41) 2,4,6-Trichlorophenol	12.965	196	58191	19.587	ng/ul	94
42) 2,4,5-Trichlorophenol	13.041	196	61127	19.295	ng/ul	100
43) 1,1'-Biphenyl	13.371	154	196941	19.211	ng/ul	99
44) 2-Chloronaphthalene	13.412	162	157735	19.352	ng/ul	96
45) 2-Nitroaniline	13.617	65	56343	19.901	ng/ul	96
47) Dimethylphthalate	13.987	163	227647	19.386	ng/ul	98
48) 2,6-Dinitrotoluene	14.111	165	44118	19.442	ng/ul	97
50) Acenaphthylene	14.258	152	257038	19.436	ng/ul	99
51) 3-Nitroaniline	14.440	138	33190	17.551	ng/ul	98
52) Acenaphthene	14.599	153	177431	19.324	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	21534	17.831	ng/ul	95
55) 4-Nitrophenol	14.751	109	27012	19.866	ng/ul	100
56) Dibenzofuran	14.933	168	256068	19.586	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	65748	20.089	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.163	232	56980	19.467	ng/ul#	98
59) Diethylphthalate	15.351	149	234382	19.375	ng/ul	99
61) Fluorene	15.580	166	210165	19.602	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	111095	19.519	ng/ul	98
63) 4-Nitroaniline	15.603	138	28711m	16.779	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.662	198	39302	19.628	ng/ul	99
67) N-Nitrosodiphenylamine	15.785	169	179958	19.005	ng/ul	98
68) 4-Bromophenyl-phenylether	16.467	248	77712	19.206	ng/ul	95
69) Hexachlorobenzene	16.584	284	87270	19.114	ng/ul	97
70) Atrazine	16.731	200	74950	20.188	ng/ul	98
71) Pentachlorophenol	16.931	266	47664	18.598	ng/ul	97
72) Phenanthrene	17.325	178	344415	18.972	ng/ul	98
74) Anthracene	17.413	178	355423	19.502	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	90176	18.820	ng/uL	96
76) Pentachlorobenzene	14.851	250	99052	18.904	ng/uL	96
77) Carbazole	17.683	167	328642	20.803	ng/ul	100
78) Di-n-butylphthalate	18.235	149	406483	20.249	ng/ul	99
80) Fluoranthene	19.334	202	438477	19.040	ng/ul	99
82) Pyrene	19.698	202	446957	19.155	ng/ul	98
83) Butylbenzylphthalate	20.580	149	175944	19.149	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.432	252	152788	20.110	ng/ul	97
85) Benzo(a)anthracene	21.508	228	434331	18.986	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.414	149	251666	19.257	ng/ul	100
87) Chrysene	21.579	228	413702	19.065	ng/ul	98
89) Di-n-octyl phthalate	22.589	149	428975	19.405	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	449851	18.714	ng/ul	99
91) Benzo(k)fluoranthene	23.735	252	446676	18.631	ng/ul	99
93) Benzo(a)pyrene	24.516	252	398529	18.640	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.230	276	518222	18.396	ng/ul	98
95) Dibenzo(a,h)anthracene	28.288	278	430498	18.636	ng/ul	99
96) Benzo(g,h,i)perylene	29.346	276	425670	18.546	ng/ul	98

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

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