Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052124\
Data File : BG061255.D
Acq On : 21 May 2024 15:20
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 21 15:55:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV419

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
05/22/2024
Supervised By :mohammad ahmed
05/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.889	152	23023	20.000	ng/ul		0.00
20) Naphthalene-d8	10.685	136	100372	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.528	164	91236	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.272	188	232311	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.526	240	232861	20.000	ng/ul		0.00
88) Perylene-d12	24.610	264	262153	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.335	96	3395	8.252	ng/uL		0.00
4) Pyridine-d5	3.746	84	27613	18.867	ng/ul		0.00
7) Phenol-d5	7.066	99	39313	20.793	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.219	67	27451	23.100	ng/ul		0.00
11) 2-Chlorophenol-d4	7.424	132	27755	19.836	ng/ul		0.00
15) 4-Methylphenol-d8	8.605	113	33213	20.602	ng/ul		0.00
21) Nitrobenzene-d5	9.046	128	15465	20.012	ng/ul		0.00
24) 2-Nitrophenol-d4	9.769	143	17725	19.598	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.315	165	36621	20.769	ng/ul		0.00
31) 4-Chloroaniline-d4	10.820	131	47583	20.628	ng/ul		0.00
46) Dimethylphthalate-d6	13.935	166	136776	19.329	ng/ul		0.00
49) Acenaphthylene-d8	14.217	160	143966	19.570	ng/ul		0.00
54) 4-Nitrophenol-d4	14.751	143	17497	20.000	ng/ul		0.00
60) Fluorene-d10	15.521	176	122387	20.033	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	27794	19.781	ng/ul		0.00
73) Anthracene-d10	17.372	188	204839	20.000	ng/ul		0.00
81) Pyrene-d10	19.663	212	244653	20.462	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.399	264	247233	19.617	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	3698m	7.489	ng/uL		
5) Pyridine	3.764	79	23318	16.108	ng/ul		95
6) Benzaldehyde	7.031	77	24428	24.710	ng/ul		96
8) Phenol	7.095	94	40639	21.096	ng/ul		91
10) Bis(2-Chloroethyl)ether	7.313	93	27305	19.378	ng/ul		96
12) 2-Chlorophenol	7.460	128	28453	19.241	ng/ul		94
13) 2-Methylphenol	8.341	108	28329	18.975	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.406	45	72348	19.012	ng/ul		97
16) Acetophenone	8.705	105	53949	19.608	ng/ul		93
17) N-Nitroso-di-n-propyla...	8.688	70	29858	19.737	ng/ul		92
18) 4-Methylphenol	8.670	108	31708	19.169	ng/ul		97
19) Hexachloroethane	8.964	117	11306	17.184	ng/ul		97
22) Nitrobenzene	9.087	77	39109	18.451	ng/ul		95
23) Isophorone	9.610	82	80114	18.581	ng/ul		96
25) 2-Nitrophenol	9.798	139	18999	19.354	ng/ul		99
26) 2,4-Dimethylphenol	9.869	107	27687	14.234	ng/ul		93
27) Bis(2-Chloroethoxy)met...	10.092	93	40298	18.645	ng/ul		97
29) 2,4-Dichlorophenol	10.345	162	31186	19.203	ng/ul		97
30) Naphthalene	10.732	128	99301	18.744	ng/ul		99
32) 4-Chloroaniline	10.844	127	44922	19.596	ng/ul		96
33) Hexachlorobutadiene	11.020	225	28914	18.215	ng/ul		91
34) Caprolactam	11.608	113	12334	19.851	ng/ul#		79
35) 4-Chloro-3-methylphenol	11.984	107	41139	19.596	ng/ul		95
36) 2-Methylnaphthalene	12.342	142	76273	19.853	ng/ul		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.566	142	71125	18.039	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.718	216	58614	19.459	ng/ul	99
40) Hexachlorocyclopentadiene	12.695	237	30431	22.382	ng/ul#	90
41) 2,4,6-Trichlorophenol	12.959	196	32697	19.271	ng/ul	98
42) 2,4,5-Trichlorophenol	13.041	196	35049	19.616	ng/ul	96
43) 1,1'-Biphenyl	13.359	154	111690	18.932	ng/ul	97
44) 2-Chloronaphthalene	13.400	162	85724	18.464	ng/ul	99
45) 2-Nitroaniline	13.605	65	36546	19.072	ng/ul	97
47) Dimethylphthalate	13.982	163	134431	18.227	ng/ul	99
48) 2,6-Dinitrotoluene	14.105	165	28401	19.637	ng/ul	99
50) Acenaphthylene	14.246	152	148873	18.250	ng/ul	98
51) 3-Nitroaniline	14.434	138	26761	21.321	ng/ul#	93
52) Acenaphthene	14.587	153	97601	18.239	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	14108	18.395	ng/ul	98
55) 4-Nitrophenol	14.763	109	19822	19.272	ng/ul	96
56) Dibenzofuran	14.922	168	146394	19.133	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	41981	19.078	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	35801	21.969	ng/ul#	96
59) Diethylphthalate	15.345	149	132376	18.176	ng/ul	100
61) Fluorene	15.574	166	122439	18.495	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.568	204	72353	18.635	ng/ul	94
63) 4-Nitroaniline	15.597	138	28707	21.959	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.662	198	26990	18.329	ng/ul	100
67) N-Nitrosodiphenylamine	15.779	169	114911	19.680	ng/ul	98
68) 4-Bromophenyl-phenylether	16.461	248	51300	18.637	ng/ul	97
69) Hexachlorobenzene	16.584	284	57371	18.751	ng/ul	98
70) Atrazine	16.731	200	44383	19.207	ng/ul	95
71) Pentachlorophenol	16.937	266	18751m	17.609	ng/ul	
72) Phenanthrene	17.313	178	211764	18.781	ng/ul	99
74) Anthracene	17.407	178	215409	18.477	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.323	216	58045	18.902	ng/uL	98
76) Pentachlorobenzene	14.845	250	63813	18.796	ng/uL	95
77) Carbazole	17.677	167	185323	19.544	ng/ul	99
78) Di-n-butylphthalate	18.235	149	223454	18.807	ng/ul	99
80) Fluoranthene	19.328	202	275114	19.181	ng/ul	99
82) Pyrene	19.692	202	284033	19.078	ng/ul	99
83) Butylbenzylphthalate	20.580	149	100257	19.602	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.426	252	107755	21.801	ng/ul	99
85) Benzo(a)anthracene	21.508	228	302576	18.832	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.420	149	143621	18.971	ng/ul	97
87) Chrysene	21.567	228	280933	18.989	ng/ul	99
89) Di-n-octyl phthalate	22.583	149	241215	18.392	ng/ul	100
90) Benzo(b)fluoranthene	23.635	252	291128	18.652	ng/ul	99
91) Benzo(k)fluoranthene	23.700	252	287079	18.118	ng/ul	97
93) Benzo(a)pyrene	24.469	252	270012	18.218	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.112	276	337725	18.843	ng/ul	99
95) Dibenzo(a,h)anthracene	28.165	278	277279	18.762	ng/ul	96
96) Benzo(g,h,i)perylene	29.205	276	259781	18.219	ng/ul	97

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

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