Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050733.D
Acq On : 26 Oct 2021 16:13
Operator : CG/JU
Sample : SSTD04050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 16:59:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Manual Integrations APPROVED

mohammad

10/27/2021 11:49:50 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	31652	20.000	ng/ul	0.00
20) Naphthalene-d8	11.078	136	136421	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.874	164	91159	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.624	188	205386	20.000	ng/ul	0.00
79) Chrysene-d12	21.930	240	174954	20.000	ng/ul	0.00
88) Perylene-d12	25.361	264	171005	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	15115	17.545	ng/uL	0.00
4) Pyridine-d5	4.028	84	112569	43.849	ng/ul	0.00
7) Phenol-d5	7.394	99	129079	46.676	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.565	67	82256	47.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.776	132	93238	48.119	ng/ul	0.00
15) 4-Methylphenol-d8	8.951	113	101122	48.311	ng/ul	0.00
21) Nitrobenzene-d5	9.421	128	46959	49.205	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	53749	52.477	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	94793	46.868	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	140240	48.537	ng/ul	0.00
46) Dimethylphthalate-d6	14.269	166	288122	46.183	ng/ul	0.00
49) Acenaphthylene-d8	14.574	160	356923	45.556	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	53378	44.423	ng/ul	0.00
60) Fluorene-d10	15.867	176	252403	44.905	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.978	200	53732	52.452	ng/ul	0.00
73) Anthracene-d10	17.723	188	390592	45.016	ng/ul	0.00
81) Pyrene-d10	19.997	212	435721	46.837	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.126	264	395053	45.943	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	17168	16.471	ng/uL	90
5) Pyridine	4.051	79	115423	44.386	ng/ul	98
6) Benzaldehyde	7.383	77	37586	20.608	ng/ul	92
8) Phenol	7.418	94	135673	47.865	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.659	93	100638	47.334	ng/ul	94
12) 2-Chlorophenol	7.811	128	91587	46.199	ng/ul	94
13) 2-Methylphenol	8.687	108	99966	47.856	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.769	45	160429	50.292	ng/ul	98
16) Acetophenone	9.081	105	157080	47.232	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.057	70	95662	47.863	ng/ul	97
18) 4-Methylphenol	9.016	108	105300	47.599	ng/ul	98
19) Hexachloroethane	9.345	117	39700	46.595	ng/ul	96
22) Nitrobenzene	9.468	77	136339	47.667	ng/ul	99
23) Isophorone	9.985	82	261380	47.551	ng/ul	99
25) 2-Nitrophenol	10.179	139	55042	52.286	ng/ul	94
26) 2,4-Dimethylphenol	10.226	107	122741	46.971	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.467	93	141448	47.663	ng/ul	98
29) 2,4-Dichlorophenol	10.720	162	91698	45.794	ng/ul	99
30) Naphthalene	11.131	128	311909	44.534	ng/ul	98
32) 4-Chloroaniline	11.231	127	139508	47.959	ng/ul	96
33) Hexachlorobutadiene	11.401	225	60529	41.596	ng/ul	95
34) Caprolactam	11.995	113	37211m	48.100	ng/ul	
35) 4-Chloro-3-methylphenol	12.336	107	113921	48.255	ng/ul	98
36) 2-Methylnaphthalene	12.717	142	210380	44.181	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.935	142	213592	44.556	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.076	216	113362	43.092	ng/ul#	97
40) Hexachlorocyclopentadiene	13.052	237	59180	33.922	ng/ul	93
41) 2,4,6-Trichlorophenol	13.311	196	76759	46.293	ng/ul	97
42) 2,4,5-Trichlorophenol	13.387	196	80312	44.278	ng/ul	98
43) 1,1'-Biphenyl	13.710	154	280249	45.683	ng/ul	97
44) 2-Chloronaphthalene	13.757	162	218188	45.398	ng/ul	99
45) 2-Nitroaniline	13.957	65	90179	57.312	ng/ul	95
47) Dimethylphthalate	14.316	163	289243	46.079	ng/ul	99
48) 2,6-Dinitrotoluene	14.445	165	62902	53.273	ng/ul	97
50) Acenaphthylene	14.604	152	362277	45.585	ng/ul	99
51) 3-Nitroaniline	14.780	138	49172	38.285	ng/ul	88
52) Acenaphthene	14.938	153	241255	45.931	ng/ul	98
53) 2,4-Dinitrophenol	14.985	184	34070	46.292	ng/ul#	88
55) 4-Nitrophenol	15.079	109	51426	43.281	ng/ul	94
56) Dibenzofuran	15.273	168	337112	44.129	ng/ul	96
57) 2,4-Dinitrotoluene	15.232	165	89977	52.478	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.497	232	64090	41.090	ng/ul	89
59) Diethylphthalate	15.673	149	315956	48.240	ng/ul	98
61) Fluorene	15.920	166	266185	43.798	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.902	204	142605	43.326	ng/ul	95
63) 4-Nitroaniline	15.937	138	42018	32.395	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.996	198	51256	50.617	ng/ul	99
67) N-Nitrosodiphenylamine	16.119	169	239522	46.124	ng/ul	99
68) 4-Bromophenyl-phenylether	16.801	248	86254	45.107	ng/ul	94
69) Hexachlorobenzene	16.924	284	87772	43.590	ng/ul	97
70) Atrazine	17.059	200	103487	46.804	ng/ul	95
71) Pentachlorophenol	17.271	266	46170	35.012	ng/ul	96
72) Phenanthrene	17.665	178	458038	44.677	ng/ul	99
74) Anthracene	17.759	178	451901	44.507	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.681	216	121733	44.957	ng/uL	98
76) Pentachlorobenzene	15.191	250	112210	45.360	ng/uL	99
77) Carbazole	18.023	167	427410	47.030	ng/ul	98
78) Di-n-butylphthalate	18.558	149	546645	50.759	ng/ul	100
80) Fluoranthene	19.668	202	559538	47.895	ng/ul	97
82) Pyrene	20.027	202	533281	46.290	ng/ul	96
83) Butylbenzylphthalate	20.896	149	230458	54.272	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.813	252	165870	45.998	ng/ul	97
85) Benzo(a)anthracene	21.913	228	486113	46.089	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.783	149	328834	53.890	ng/ul	99
87) Chrysene	21.983	228	458077	45.319	ng/ul	99
89) Di-n-octyl phthalate	23.064	149	556695	56.655	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	479447	46.030	ng/ul	99
91) Benzo(k)fluoranthene	24.339	252	456931	47.144	ng/ul	99
93) Benzo(a)pyrene	25.203	252	462425	46.530	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.304	276	518741	46.490	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.374	278	443201	46.675	ng/ul	98
96) Benzo(g,h,i)perylene	30.544	276	431638	45.890	ng/ul	98

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

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