Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
Data File : BG049113.D
Acq On : 26 Jun 2021 17:57
Operator : CG/JU
Sample : M2852-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE-WC-SMSD

Manual Integrations APPROVED
mohammad
6/28/2021 1:26:51 PM

Quant Time: Jun 27 04:32:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	31690	20.00	ng		0.00
21) Naphthalene-d8	10.924	136	136969	20.00	ng		# 0.00
39) Acenaphthene-d10	14.749	164	101393	20.00	ng		0.00
64) Phenanthrene-d10	17.493	188	241170	20.00	ng		# 0.00
76) Chrysene-d12	21.782	240	223676	20.00	ng		0.00
86) Perylene-d12	25.096	264	236656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.654	112	218909	107.53	ng		0.00
7) Phenol-d6	7.258	99	294905	96.65	ng		0.00
23) Nitrobenzene-d5	9.273	82	204774	64.47	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	184390	122.75	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	469776	65.45	ng		0.00
79) Terphenyl-d14	20.096	244	846914	69.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.527	88	23891	24.04	ng	#	76
3) Pyridine	3.932	79	62692	23.25	ng		95
4) n-Nitrosodimethylamine	3.844	42	52202	40.43	ng	#	82
6) Aniline	7.422	93	111750	29.08	ng		91
8) 2-Chlorophenol	7.663	128	93959	41.87	ng		92
9) Benzaldehyde	7.234	77	69282	43.88	ng		90
10) Phenol	7.287	94	123958	39.32	ng		91
11) bis(2-Chloroethyl)ether	7.516	93	82300	35.19	ng		84
12) 1,3-Dichlorobenzene	7.992	146	94028	37.51	ng		99
13) 1,4-Dichlorobenzene	8.139	146	95853	38.36	ng		100
14) 1,2-Dichlorobenzene	8.457	146	95605	39.77	ng		92
15) Benzyl Alcohol	8.339	79	103934	37.19	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.627	45	140014	31.64	ng		85
17) 2-Methylphenol	8.545	107	86561	41.87	ng		95
18) Hexachloroethane	9.197	117	40358	40.26	ng		95
19) n-Nitroso-di-n-propyla...	8.915	70	78151	32.77	ng	#	96
20) 3+4-Methylphenols	8.874	107	114731	40.59	ng		98
22) Acetophenone	8.927	105	157841	37.88	ng	#	95
24) Nitrobenzene	9.314	77	125519	35.08	ng		96
25) Isophorone	9.843	82	210877	30.47	ng		98
26) 2-Nitrophenol	10.031	139	54203	44.66	ng		95
27) 2,4-Dimethylphenol	10.084	122	91887	41.76	ng		95
28) bis(2-Chloroethoxy)met...	10.319	93	115245	35.96	ng		93
29) 2,4-Dichlorophenol	10.566	162	98995	40.10	ng		95
30) 1,2,4-Trichlorobenzene	10.783	180	110821	39.15	ng		95
31) Naphthalene	10.977	128	289040	35.42	ng		99
32) Benzoic acid	10.237	122	65295	45.43	ng	#	66
33) 4-Chloroaniline	11.077	127	57298	16.54	ng		96
34) Hexachlorobutadiene	11.259	225	78004	38.67	ng		94
35) Caprolactam	11.864	113	32708m	45.83	ng		
36) 4-Chloro-3-methylphenol	12.199	107	117213	38.84	ng		90
37) 2-Methylnaphthalene	12.575	142	222888	36.16	ng		95
38) 1-Methylnaphthalene	12.798	142	212045	36.65	ng		96
40) 1,2,4,5-Tetrachloroben...	12.945	216	131862	40.96	ng		96
41) Hexachlorocyclopentadiene	12.922	237	164435	79.45	ng		94
43) 2,4,6-Trichlorophenol	13.180	196	96061	44.59	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	104479	46.90	ng		95
46) 1,1'-Biphenyl	13.580	154	284171	38.01	ng		98
47) 2-Chloronaphthalene	13.627	162	230541	38.62	ng		98
48) 2-Nitroaniline	13.821	65	90943	42.78	ng		96
49) Acenaphthylene	14.467	152	377054	37.90	ng		97
50) Dimethylphthalate	14.197	163	312570	39.58	ng		100
51) 2,6-Dinitrotoluene	14.314	165	68961	42.87	ng		92
52) Acenaphthene	14.808	154	280540m	43.76	ng		
53) 3-Nitroaniline	14.643	138	45674	28.05	ng		84
54) 2,4-Dinitrophenol	14.849	184	77839	104.48	ng		96
55) Dibenzofuran	15.143	168	368407	36.97	ng		98
56) 4-Nitrophenol	14.961	139	119214	89.80	ng		91
57) 2,4-Dinitrotoluene	15.102	165	103516	52.40	ng		94
58) Fluorene	15.795	166	317464	38.95	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.366	232	101295	44.92	ng	#	95
60) Diethylphthalate	15.554	149	340029	39.75	ng		98
61) 4-Chlorophenyl-phenyle...	15.783	204	174284	40.90	ng		95
62) 4-Nitroaniline	15.813	138	68556	41.63	ng		86
63) Azobenzene	16.077	77	330464	33.76	ng		90
65) 4,6-Dinitro-2-methylph...	15.865	198	52934	46.29	ng		96
66) n-Nitrosodiphenylamine	15.995	169	279066	37.13	ng		97
67) 4-Bromophenyl-phenylether	16.676	248	123082	40.87	ng		94
68) Hexachlorobenzene	16.800	284	137044	41.99	ng		98
69) Atrazine	16.941	200	118407	49.08	ng		96
70) Pentachlorophenol	17.146	266	171837	87.61	ng		98
71) Phenanthrene	17.540	178	516390	38.05	ng		97
72) Anthracene	17.628	178	525170	38.51	ng		98
73) Carbazole	17.892	167	472754	36.17	ng		99
74) Di-n-butylphthalate	18.451	149	576642	39.33	ng		97
75) Fluoranthene	19.544	202	618437	37.79	ng		99
77) Benzidine	19.720	184	369412	81.98	ng		96
78) Pyrene	19.902	202	620309	38.21	ng		98
80) Butylbenzylphthalate	20.783	149	240824	39.32	ng		98
81) Benzo(a)anthracene	21.759	228	613162	38.18	ng		97
82) 3,3'-Dichlorobenzidine	21.670	252	133241	25.94	ng		99
83) Chrysene	21.829	228	588413	38.21	ng		97
84) Bis(2-ethylhexyl)phtha...	21.659	149	343467	39.34	ng		96
85) Di-n-octyl phthalate	22.904	149	576348	38.92	ng		97
87) Indeno(1,2,3-cd)pyrene	28.903	276	740314	41.57	ng	#	97
88) Benzo(b)fluoranthene	24.044	252	631803	37.45	ng	#	96
89) Benzo(k)fluoranthene	24.115	252	623188	38.93	ng	#	99
90) Benzo(a)pyrene	24.943	252	623468	40.49	ng	#	98
91) Dibenzo(a,h)anthracene	28.968	278	621114	41.73	ng	#	96
92) Benzo(g,h,i)perylene	30.102	276	621578	41.41	ng		100

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

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