Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048506.D
Acq On : 25 Mar 2021 17:45
Operator : CG/JU
Sample : M1682-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations APPROVED
mohammad
3/26/2021 1:20:55 PM

Quant Time: Mar 25 18:36:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 02:47:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	51581	20.00	ng		0.00
21) Naphthalene-d8	10.925	136	202451	20.00	ng	#	0.00
39) Acenaphthene-d10	14.744	164	138685	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	303480	20.00	ng	#	0.00
76) Chrysene-d12	21.789	240	303662	20.00	ng	#	0.00
86) Perylene-d12	25.114	264	322495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	281130	90.13	ng		0.00
7) Phenol-d6	7.259	99	373561	82.31	ng		0.00
23) Nitrobenzene-d5	9.268	82	276401	54.59	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	183592	81.40	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	531738	55.16	ng		0.00
79) Terphenyl-d14	20.103	244	844369	50.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	43989	33.43	ng	#	94
3) Pyridine	3.922	79	125219	34.13	ng	#	85
4) n-Nitrosodimethylamine	3.833	42	84528	39.65	ng	#	68
6) Aniline	7.418	93	127548	23.76	ng		94
8) 2-Chlorophenol	7.664	128	146223	44.95	ng		92
9) Benzaldehyde	7.229	77	131385	56.96	ng	#	81
10) Phenol	7.282	94	209327	45.01	ng		74
11) bis(2-Chloroethyl)ether	7.511	93	136689	41.94	ng		97
12) 1,3-Dichlorobenzene	7.987	146	153630	39.70	ng	#	86
13) 1,4-Dichlorobenzene	8.134	146	157179m	40.92	ng		
14) 1,2-Dichlorobenzene	8.457	146	153969	41.78	ng		93
15) Benzyl Alcohol	8.340	79	165550	41.08	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.622	45	145606	39.08	ng		87
17) 2-Methylphenol	8.546	107	129386	43.87	ng	#	84
18) Hexachloroethane	9.198	117	60765	41.13	ng		96
19) n-Nitroso-di-n-propyla...	8.904	70	129003	38.29	ng		97
20) 3+4-Methylphenols	8.875	107	183034	45.31	ng		86
22) Acetophenone	8.922	105	230161	40.43	ng	#	92
24) Nitrobenzene	9.309	77	201173	37.09	ng	#	83
25) Isophorone	9.838	82	347306	35.83	ng	#	91
26) 2-Nitrophenol	10.026	139	80455	39.02	ng	#	56
27) 2,4-Dimethylphenol	10.079	122	146914	45.66	ng		89
28) bis(2-Chloroethoxy)met...	10.314	93	183238	41.71	ng		98
29) 2,4-Dichlorophenol	10.567	162	149007	39.91	ng		96
30) 1,2,4-Trichlorobenzene	10.784	180	166062	36.80	ng		95
31) Naphthalene	10.972	128	436670	38.90	ng		98
32) Benzoic acid	10.226	122	110159	44.00	ng	#	86
33) 4-Chloroaniline	11.078	127	60763	12.66	ng	#	91
34) Hexachlorobutadiene	11.254	225	121624	34.00	ng		96
35) Caprolactam	11.848	113	52027m	39.03	ng		
36) 4-Chloro-3-methylphenol	12.200	107	169021	39.00	ng		89
37) 2-Methylnaphthalene	12.576	142	334627	39.06	ng	#	94
38) 1-Methylnaphthalene	12.794	142	305779m	37.95	ng		
40) 1,2,4,5-Tetrachloroben...	12.940	216	192431	38.00	ng	#	94
41) Hexachlorocyclopentadiene	12.917	237	236927	72.36	ng		99
43) 2,4,6-Trichlorophenol	13.175	196	134457	39.17	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	144395	38.22	ng	#	89
46) 1,1'-Biphenyl	13.575	154	428866	43.09	ng		99
47) 2-Chloronaphthalene	13.622	162	331910	41.36	ng		94
48) 2-Nitroaniline	13.822	65	126872	42.71	ng	#	76
49) Acenaphthylene	14.468	152	543565	41.83	ng		98
50) Dimethylphthalate	14.192	163	440046	38.99	ng		98
51) 2,6-Dinitrotoluene	14.309	165	95768	39.43	ng	#	62
52) Acenaphthene	14.809	154	337837	38.68	ng		99
53) 3-Nitroaniline	14.638	138	47420	20.39	ng	#	86
54) 2,4-Dinitrophenol	14.844	184	119158	80.37	ng	#	48
55) Dibenzofuran	15.144	168	510590	39.25	ng		93
56) 4-Nitrophenol	14.950	139	165731	79.63	ng	#	42
57) 2,4-Dinitrotoluene	15.097	165	134279	38.93	ng	#	62
58) Fluorene	15.790	166	407838	37.36	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.367	232	134048	35.96	ng	#	88
60) Diethylphthalate	15.555	149	446585	40.48	ng		96
61) 4-Chlorophenyl-phenyle...	15.778	204	232215	36.97	ng		91
62) 4-Nitroaniline	15.808	138	87404	34.31	ng	#	52
63) Azobenzene	16.072	77	450984	37.56	ng		86
65) 4,6-Dinitro-2-methylph...	15.861	198	76871	40.22	ng		78
66) n-Nitrosodiphenylamine	15.996	169	375878	42.75	ng		99
67) 4-Bromophenyl-phenylether	16.677	248	150069	39.26	ng	#	91
68) Hexachlorobenzene	16.795	284	168204	41.07	ng	#	95
69) Atrazine	16.942	200	156020	44.12	ng		98
70) Pentachlorophenol	17.141	266	223068	81.93	ng		94
71) Phenanthrene	17.535	178	704873	43.97	ng		97
72) Anthracene	17.629	178	691565	43.48	ng		99
73) Carbazole	17.893	167	628961	41.47	ng		97
74) Di-n-butylphthalate	18.446	149	740854	44.13	ng	#	97
75) Fluoranthene	19.544	202	886730	41.54	ng		96
77) Benzidine	19.721	184	302064	33.21	ng		96
78) Pyrene	19.909	202	883890	42.38	ng		97
80) Butylbenzylphthalate	20.784	149	340995	46.00	ng	#	85
81) Benzo(a)anthracene	21.765	228	881227	41.84	ng		99
82) 3,3'-Dichlorobenzidine	21.677	252	195553	25.73	ng		96
83) Chrysene	21.836	228	834950	41.35	ng		98
84) Bis(2-ethylhexyl)phtha...	21.666	149	500533	48.87	ng		94
85) Di-n-octyl phthalate	22.917	149	850053	49.57	ng		96
87) Indeno(1,2,3-cd)pyrene	28.933	276	1052164	42.78	ng	#	84
88) Benzo(b)fluoranthene	24.057	252	939594	41.35	ng	#	97
89) Benzo(k)fluoranthene	24.127	252	844130	39.37	ng	#	95
90) Benzo(a)pyrene	24.962	252	815436m	39.35	ng		
91) Dibenzo(a,h)anthracene	29.010	278	852503	40.63	ng	#	96
92) Benzo(g,h,i)perylene	30.138	276	857794	42.14	ng	#	93

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

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