Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048472.D
Acq On : 23 Mar 2021 16:29
Operator : CG/JU
Sample : M1746-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2MSD

Manual Integrations APPROVED
mohammad
3/24/2021 11:10:11 AM

Quant Time: Mar 23 17:31:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	32556	20.00	ng		0.00
21) Naphthalene-d8	10.924	136	147334	20.00	ng		0.00
39) Acenaphthene-d10	14.743	164	116499	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	305076	20.00	ng	#	0.00
76) Chrysene-d12	21.788	240	295765	20.00	ng	#	0.00
86) Perylene-d12	25.119	264	321286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.653	112	212796	108.09	ng		0.00
7) Phenol-d6	7.252	99	305413	106.61	ng		0.00
23) Nitrobenzene-d5	9.273	82	225357	61.16	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	195134	102.99	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	479839	59.25	ng		0.00
79) Terphenyl-d14	20.101	244	981628	59.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.515	88	30263	36.43	ng	#	94
3) Pyridine	3.920	79	86665	37.43	ng		87
4) n-Nitrosodimethylamine	3.832	42	58845	43.73	ng	#	65
6) Aniline	7.416	93	73772	21.77	ng		96
8) 2-Chlorophenol	7.663	128	105889	51.58	ng		93
9) Benzaldehyde	7.234	77	94663	66.76	ng	#	79
10) Phenol	7.281	94	150400	51.24	ng		71
11) bis(2-Chloroethyl)ether	7.510	93	93703	45.56	ng		97
12) 1,3-Dichlorobenzene	7.992	146	105669	43.27	ng	#	84
13) 1,4-Dichlorobenzene	8.139	146	107433	44.31	ng	#	90
14) 1,2-Dichlorobenzene	8.456	146	100098m	43.04	ng		
15) Benzyl Alcohol	8.339	79	125246	49.24	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.632	45	97323	41.38	ng		83
17) 2-Methylphenol	8.544	107	99335	53.37	ng	#	84
18) Hexachloroethane	9.196	117	41161	44.14	ng		92
19) n-Nitroso-di-n-propyla...	8.908	70	95901	45.10	ng		97
20) 3+4-Methylphenols	8.867	107	138202	54.20	ng		87
22) Acetophenone	8.926	105	168025	40.55	ng	#	92
24) Nitrobenzene	9.314	77	144791	36.68	ng	#	82
25) Isophorone	9.837	82	265053	37.58	ng	#	93
26) 2-Nitrophenol	10.031	139	58350	38.89	ng	#	60
27) 2,4-Dimethylphenol	10.084	122	113133	48.32	ng		90
28) bis(2-Chloroethoxy)met...	10.319	93	133403	41.73	ng		93
29) 2,4-Dichlorophenol	10.565	162	118940	43.78	ng		95
30) 1,2,4-Trichlorobenzene	10.783	180	117086	35.65	ng		99
31) Naphthalene	10.977	128	315806	38.66	ng		100
32) Benzoic acid	10.207	122	94143	51.67	ng	#	80
33) 4-Chloroaniline	11.077	127	38001	10.88	ng	#	86
34) Hexachlorobutadiene	11.259	225	80300	30.85	ng		98
35) Caprolactam	11.852	113	50055m	51.60	ng		
36) 4-Chloro-3-methylphenol	12.199	107	146012	46.30	ng		87
37) 2-Methylnaphthalene	12.581	142	252917	40.56	ng	#	93
38) 1-Methylnaphthalene	12.798	142	240775m	41.06	ng		
40) 1,2,4,5-Tetrachloroben...	12.939	216	146957	34.55	ng	#	94
41) Hexachlorocyclopentadiene	12.921	237	211116	76.76	ng		99
43) 2,4,6-Trichlorophenol	13.180	196	116144	40.28	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	126999	40.02	ng	#	90
46) 1,1'-Biphenyl	13.579	154	348980	41.74	ng		96
47) 2-Chloronaphthalene	13.626	162	270415	40.11	ng		94
48) 2-Nitroaniline	13.820	65	114233	45.78	ng	#	77
49) Acenaphthylene	14.467	152	467247	42.81	ng		98
50) Dimethylphthalate	14.196	163	394484	41.61	ng		99
51) 2,6-Dinitrotoluene	14.314	165	84912	41.62	ng	#	53
52) Acenaphthene	14.807	154	373166m	50.87	ng		
53) 3-Nitroaniline	14.637	138	24824	12.70	ng		87
54) 2,4-Dinitrophenol	14.849	184	127964	102.75	ng	#	47
55) Dibenzofuran	15.142	168	448763	41.07	ng		94
56) 4-Nitrophenol	14.948	139	158430	90.61	ng	#	34
57) 2,4-Dinitrotoluene	15.101	165	125431	43.29	ng	#	67
58) Fluorene	15.795	166	369544	40.29	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.366	232	124257	39.68	ng	#	86
60) Diethylphthalate	15.554	149	423605	45.70	ng		95
61) 4-Chlorophenyl-phenyle...	15.783	204	207597	39.35	ng		93
62) 4-Nitroaniline	15.806	138	89677	41.90	ng	#	40
63) Azobenzene	16.077	77	417952	41.44	ng		86
65) 4,6-Dinitro-2-methylph...	15.865	198	79291	41.27	ng	#	68
66) n-Nitrosodiphenylamine	15.994	169	350361	39.64	ng		99
67) 4-Bromophenyl-phenylether	16.676	248	141214	36.75	ng	#	90
68) Hexachlorobenzene	16.799	284	162111	39.37	ng		95
69) Atrazine	16.946	200	157417	44.28	ng		98
70) Pentachlorophenol	17.140	266	222382	81.25	ng		99
71) Phenanthrene	17.540	178	663275	41.16	ng		97
72) Anthracene	17.634	178	673463	42.12	ng		97
73) Carbazole	17.898	167	635819	41.70	ng		97
74) Di-n-butylphthalate	18.450	149	753677	44.66	ng	#	96
75) Fluoranthene	19.549	202	826138	38.50	ng		96
77) Benzidine	19.725	184	345131	38.96	ng		96
78) Pyrene	19.907	202	836054	41.16	ng		97
80) Butylbenzylphthalate	20.789	149	338884	46.94	ng		87
81) Benzo(a)anthracene	21.770	228	820911	40.02	ng		98
82) 3,3'-Dichlorobenzidine	21.676	252	128482	17.36	ng		93
83) Chrysene	21.834	228	770637	39.19	ng		100
84) Bis(2-ethylhexyl)phtha...	21.664	149	475597	47.68	ng	#	93
85) Di-n-octyl phthalate	22.921	149	797685	47.76	ng		97
87) Indeno(1,2,3-cd)pyrene	28.950	276	972011	39.67	ng	#	87
88) Benzo(b)fluoranthene	24.061	252	860743	38.02	ng	#	96
89) Benzo(k)fluoranthene	24.132	252	796443	37.28	ng	#	96
90) Benzo(a)pyrene	24.966	252	755339	36.59	ng	#	95
91) Dibenzo(a,h)anthracene	29.014	278	815477	39.02	ng	#	94
92) Benzo(g,h,i)perylene	30.148	276	795058	39.20	ng	#	89

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

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