Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048509.D
Acq On : 25 Mar 2021 19:46
Operator : CG/JU
Sample : M1792-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6MSD

Manual Integrations APPROVED
mohammad
3/26/2021 1:21:01 PM

Quant Time: Mar 26 00:47:08 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	8.102	152	46170	20.00	ng		0.00
21) Naphthalene-d8	10.922	136	186939	20.00	ng		0.00
39) Acenaphthene-d10	14.741	164	135880	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	301317	20.00	ng		0.00
76) Chrysene-d12	21.786	240	293928	20.00	ng	#	0.00
86) Perylene-d12	25.117	264	317969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	338892	121.38	ng		0.00
7) Phenol-d6	7.256	99	454088	111.77	ng		0.00
23) Nitrobenzene-d5	9.271	82	326030	69.73	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	225719	102.14	ng		0.00
45) 2-Fluorobiphenyl	13.366	172	608414	64.41	ng		0.00
79) Terphenyl-d14	20.100	244	939407	57.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.519	88	42104	35.74	ng	#	91
3) Pyridine	3.919	79	118548	36.10	ng	#	88
4) n-Nitrosodimethylamine	3.836	42	78726	41.25	ng	#	69
6) Aniline	7.415	93	81027	16.86	ng		100
8) 2-Chlorophenol	7.661	128	132533	45.52	ng		93
9) Benzaldehyde	7.232	77	120621	58.74	ng	#	81
10) Phenol	7.285	94	188067	45.18	ng		75
11) bis(2-Chloroethyl)ether	7.515	93	122229	41.90	ng		97
12) 1,3-Dichlorobenzene	7.990	146	137725	39.76	ng	#	89
13) 1,4-Dichlorobenzene	8.137	146	137133	39.89	ng	#	92
14) 1,2-Dichlorobenzene	8.455	146	134470	40.77	ng	#	92
15) Benzyl Alcohol	8.337	79	149665	41.49	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.625	45	129937	38.96	ng		86
17) 2-Methylphenol	8.543	107	121480	46.02	ng	#	83
18) Hexachloroethane	9.195	117	55328	41.83	ng		92
19) n-Nitroso-di-n-propyla...	8.907	70	117717	39.04	ng	#	95
20) 3+4-Methylphenols	8.872	107	164634	45.53	ng		88
22) Acetophenone	8.925	105	211481	40.23	ng	#	93
24) Nitrobenzene	9.312	77	179925	35.92	ng	#	83
25) Isophorone	9.835	82	317718	35.50	ng	#	92
26) 2-Nitrophenol	10.029	139	73868	38.80	ng	#	73
27) 2,4-Dimethylphenol	10.082	122	136603	45.98	ng		90
28) bis(2-Chloroethoxy)met...	10.317	93	170178	41.95	ng		98
29) 2,4-Dichlorophenol	10.564	162	142016	41.20	ng		96
30) 1,2,4-Trichlorobenzene	10.781	180	146834	35.24	ng		94
31) Naphthalene	10.975	128	392425	37.86	ng		99
32) Benzoic acid	10.223	122	108501	46.93	ng	#	81
33) 4-Chloroaniline	11.081	127	36466	8.23	ng	#	88
34) Hexachlorobutadiene	11.257	225	104707	31.70	ng		99
35) Caprolactam	11.851	113	48986m	39.80	ng		
36) 4-Chloro-3-methylphenol	12.197	107	162222	40.54	ng		85
37) 2-Methylnaphthalene	12.573	142	301928	38.16	ng	#	90
38) 1-Methylnaphthalene	12.791	142	287939	38.70	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.938	216	183518	36.99	ng	#	96
41) Hexachlorocyclopentadiene	12.920	237	230869	71.97	ng		99
43) 2,4,6-Trichlorophenol	13.178	196	127830	38.01	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	138869	37.52	ng	#	89
46) 1,1'-Biphenyl	13.578	154	401187	41.14	ng		98
47) 2-Chloronaphthalene	13.625	162	305626	38.87	ng		95
48) 2-Nitroaniline	13.819	65	119752	41.15	ng	#	74
49) Acenaphthylene	14.465	152	521082	40.93	ng		99
50) Dimethylphthalate	14.189	163	433895	39.24	ng	#	98
51) 2,6-Dinitrotoluene	14.312	165	89557	37.63	ng	#	59
52) Acenaphthene	14.806	154	312784	36.55	ng		100
53) 3-Nitroaniline	14.641	138	24250	10.64	ng	#	69
54) 2,4-Dinitrophenol	14.847	184	116222	80.01	ng	#	56
55) Dibenzofuran	15.141	168	480892	37.73	ng		95
56) 4-Nitrophenol	14.953	139	153957	75.50	ng	#	38
57) 2,4-Dinitrotoluene	15.094	165	125029	37.00	ng	#	65
58) Fluorene	15.793	166	391328	36.58	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.364	232	124877	34.19	ng	#	87
60) Diethylphthalate	15.552	149	428488	39.64	ng		93
61) 4-Chlorophenyl-phenyle...	15.781	204	222690	36.19	ng		93
62) 4-Nitroaniline	15.805	138	79296	31.77	ng	#	46
63) Azobenzene	16.075	77	431039	36.64	ng		88
65) 4,6-Dinitro-2-methylph...	15.858	198	74649	39.34	ng		81
66) n-Nitrosodiphenylamine	15.993	169	362458	41.52	ng		98
67) 4-Bromophenyl-phenylether	16.674	248	146452	38.59	ng	#	89
68) Hexachlorobenzene	16.792	284	161153	39.63	ng	#	91
69) Atrazine	16.939	200	150670	42.91	ng		97
70) Pentachlorophenol	17.139	266	214058	79.19	ng		99
71) Phenanthrene	17.538	178	644034	40.46	ng		97
72) Anthracene	17.626	178	666562	42.21	ng		98
73) Carbazole	17.896	167	607650	40.35	ng		97
74) Di-n-butylphthalate	18.449	149	730897	43.85	ng	#	97
75) Fluoranthene	19.542	202	802789	37.88	ng		97
77) Benzidine	19.718	184	449502	51.05	ng		98
78) Pyrene	19.906	202	801831	39.72	ng		97
80) Butylbenzylphthalate	20.787	149	333085	46.43	ng		88
81) Benzo(a)anthracene	21.763	228	800773	39.28	ng		97
82) 3,3'-Dichlorobenzidine	21.674	252	109412	14.87	ng		96
83) Chrysene	21.833	228	745021	38.12	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	468848	47.29	ng		95
85) Di-n-octyl phthalate	22.914	149	788140	47.48	ng		97
87) Indeno(1,2,3-cd)pyrene	28.931	276	945711	39.00	ng	#	87
88) Benzo(b)fluoranthene	24.054	252	828619	36.98	ng	#	96
89) Benzo(k)fluoranthene	24.130	252	791502	37.44	ng	#	96
90) Benzo(a)pyrene	24.959	252	738610	36.15	ng	#	96
91) Dibenzo(a,h)anthracene	29.007	278	795978	38.48	ng	#	95
92) Benzo(g,h,i)perylene	30.129	276	783737	39.05	ng	#	91

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

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