Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029721.D
Acq On : 29 Apr 2021 22:26
Operator : CG/JU
Sample : M2217-17MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-01MSD

Manual Integrations APPROVED
mohammad
5/3/2021 10:49:12 AM

Quant Time: Apr 30 01:09:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.599	152	68001	20.00	ng		0.00
21) Naphthalene-d8	10.375	136	229949	20.00	ng		# 0.00
39) Acenaphthene-d10	14.245	164	146298	20.00	ng		0.00
64) Phenanthrene-d10	16.992	188	314782	20.00	ng		0.00
76) Chrysene-d12	21.180	240	387236	20.00	ng		# 0.00
86) Perylene-d12	23.362	264	416969	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.199	112	331276	101.57	ng		0.00
7) Phenol-d6	6.787	99	407091	91.92	ng		0.00
23) Nitrobenzene-d5	8.751	82	268651	67.51	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	221697	95.45	ng		0.00
45) 2-Fluorobiphenyl	12.863	172	763879	67.71	ng		0.00
79) Terphenyl-d14	19.627	244	1246859	59.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.128	88	30072	24.29	ng		93
3) Pyridine	3.534	79	63414	25.74	ng		95
4) n-Nitrosodimethylamine	3.446	42	28740	23.37	ng	#	75
6) Aniline	6.934	93	78998	16.55	ng		96
8) 2-Chlorophenol	7.163	128	87391	21.81	ng		94
9) Benzaldehyde	6.746	77	59261	34.27	ng		86
10) Phenol	6.810	94	97993	23.14	ng		97
11) bis(2-Chloroethyl)ether	7.034	93	74501	22.43	ng		94
12) 1,3-Dichlorobenzene	7.487	146	110604	22.76	ng	#	95
13) 1,4-Dichlorobenzene	7.634	146	113313	22.84	ng		97
14) 1,2-Dichlorobenzene	7.946	146	106194	21.82	ng		97
15) Benzyl Alcohol	7.846	79	68048	21.98	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.122	45	73763	20.50	ng		92
17) 2-Methylphenol	8.046	107	67307	22.28	ng		96
18) Hexachloroethane	8.663	117	33259	19.19	ng	#	82
19) n-Nitroso-di-n-propyla...	8.404	70	58055	20.31	ng		89
20) 3+4-Methylphenols	8.375	107	85373	21.08	ng		95
22) Acetophenone	8.422	105	122356	23.59	ng	#	93
24) Nitrobenzene	8.793	77	84286	21.03	ng		96
25) Isophorone	9.316	82	144104	19.60	ng		95
26) 2-Nitrophenol	9.498	139	39267	19.00	ng		89
27) 2,4-Dimethylphenol	9.569	122	73029	24.78	ng		96
28) bis(2-Chloroethoxy)met...	9.804	93	90914	23.24	ng		98
29) 2,4-Dichlorophenol	10.034	162	88145	21.69	ng		97
30) 1,2,4-Trichlorobenzene	10.245	180	110104	22.30	ng		97
31) Naphthalene	10.428	128	255049	21.68	ng		99
32) Benzoic acid	9.698	122	44559	22.34	ng		90
33) 4-Chloroaniline	10.551	127	49883	11.10	ng		94
34) Hexachlorobutadiene	10.710	225	76767	22.09	ng		96
35) Caprolactam	11.334	113	21915m	22.22	ng		
36) 4-Chloro-3-methylphenol	11.681	107	70909	20.19	ng		96
37) 2-Methylnaphthalene	12.045	142	207054	22.89	ng		98
38) 1-Methylnaphthalene	12.269	142	186718	21.67	ng		99
40) 1,2,4,5-Tetrachloroben...	12.422	216	124307	23.28	ng	#	97
41) Hexachlorocyclopentadiene	12.398	237	29831	13.33	ng		99
43) 2,4,6-Trichlorophenol	12.669	196	76206	22.51	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	81450	22.40	ng		95
46) 1,1'-Biphenyl	13.075	154	264389	23.94	ng		98
47) 2-Chloronaphthalene	13.116	162	197384	22.15	ng		98
48) 2-Nitroaniline	13.328	65	43122	23.42	ng		88
49) Acenaphthylene	13.969	152	297254	22.09	ng		98
50) Dimethylphthalate	13.710	163	270925	24.25	ng		99
51) 2,6-Dinitrotoluene	13.833	165	47621	18.82	ng	#	84
52) Acenaphthene	14.310	154	176870	21.21	ng		97
53) 3-Nitroaniline	14.163	138	36640	18.23	ng		94
54) 2,4-Dinitrophenol	14.381	184	5060	7.59	ng		92
55) Dibenzofuran	14.651	168	294096	20.93	ng		95
56) 4-Nitrophenol	14.486	139	68071	41.83	ng		89
57) 2,4-Dinitrotoluene	14.628	165	59606	18.09	ng		87
58) Fluorene	15.298	166	240703	20.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.880	232	73430	21.73	ng		90
60) Diethylphthalate	15.080	149	225099	20.60	ng		97
61) 4-Chlorophenyl-phenyle...	15.298	204	130784	20.37	ng		95
62) 4-Nitroaniline	15.328	138	42842	20.97	ng		87
63) Azobenzene	15.592	77	172918	19.34	ng		87
65) 4,6-Dinitro-2-methylph...	15.392	198	4887	2.24	ng		94
66) n-Nitrosodiphenylamine	15.516	169	207138	22.15	ng		98
67) 4-Bromophenyl-phenylether	16.192	248	81078	21.64	ng	#	91
68) Hexachlorobenzene	16.304	284	91315	21.83	ng	#	90
69) Atrazine	16.469	200	80828	22.30	ng		97
70) Pentachlorophenol	16.651	266	113639	46.07	ng		96
71) Phenanthrene	17.033	178	402053	22.66	ng		99
72) Anthracene	17.127	178	392439	22.28	ng		100
73) Carbazole	17.398	167	337637	21.25	ng		98
74) Di-n-butylphthalate	17.968	149	396988	21.15	ng		98
75) Fluoranthene	19.057	202	497531	22.84	ng		98
77) Benzidine	19.251	184	317977	44.39	ng		99
78) Pyrene	19.415	202	519305	20.91	ng		98
80) Butylbenzylphthalate	20.327	149	189397	20.00	ng	#	87
81) Benzo(a)anthracene	21.162	228	546785	21.70	ng		98
82) 3,3'-Dichlorobenzidine	21.104	252	183993	22.97	ng	#	97
83) Chrysene	21.215	228	539930	21.60	ng		99
84) Bis(2-ethylhexyl)phtha...	21.104	149	293862	19.47	ng		100
85) Di-n-octyl phthalate	21.968	149	518406	20.45	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.550	276	676806	21.44	ng		96
88) Benzo(b)fluoranthene	22.709	252	575027	20.85	ng		98
89) Benzo(k)fluoranthene	22.751	252	578597	21.65	ng		99
90) Benzo(a)pyrene	23.268	252	564063	22.35	ng		98
91) Dibenzo(a,h)anthracene	25.556	278	570908	20.95	ng		97
92) Benzo(g,h,i)perylene	26.221	276	578315	22.49	ng		95

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

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