Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022232.D
Acq On : 21 Aug 2019 16:57
Operator : HP/JU
Sample : K4421-13MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SUNSET-PARK-SB-1-COMPMSD

Manual Integrations APPROVED
Jagrut
8/22/2019 2:00:20 PM

Quant Time: Aug 21 17:43:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	42300	20.00	ng		-0.01
21) Naphthalene-d8	10.34	136	157807	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	92761	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	166062	20.00	ng		0.00
76) Chrysene-d12	21.19	240	157229	20.00	ng		0.00
87) Perylene-d12	23.39	264	181433	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	284330	119.78	ng		0.00
7) Phenol-d6	6.76	99	375517	118.79	ng		0.00
23) Nitrobenzene-d5	8.74	82	267648	82.49	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	166182	110.68	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	602368	81.11	ng		0.00
79) Terphenyl-d14	19.63	244	771598	71.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	25177	25.315	ng	#	87
3) Pyridine	3.56	79	54052	21.452	ng	#	89
4) n-Nitrosodimethylamine	3.49	42	49725	32.941	ng	#	58
6) Aniline	6.92	93	84816	20.041	ng		95
8) 2-Chlorophenol	7.13	128	89539	31.680	ng		96
9) Benzaldehyde	6.74	77	40930	20.432	ng		92
10) Phenol	6.79	94	110784	33.103	ng		80
11) bis(2-Chloroethyl)ether	7.02	93	74841	28.270	ng		94
12) 1,3-Dichlorobenzene	7.45	146	96289	27.952	ng	#	90
13) 1,4-Dichlorobenzene	7.60	146	98468	28.155	ng		97
14) 1,2-Dichlorobenzene	7.91	146	95495	28.036	ng		98
15) Benzyl Alcohol	7.83	79	80961	29.136	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	100084	27.286	ng		96
17) 2-Methylphenol	8.02	107	72482	30.366	ng	#	92
18) Hexachloroethane	8.61	117	41600	27.398	ng		91
19) n-Nitroso-di-n-propylamine	8.38	70	68817	27.638	ng	#	88
20) 3+4-Methylphenols	8.35	107	97340	30.196	ng		93
22) Acetophenone	8.40	105	134869	33.315	ng	#	89
24) Nitrobenzene	8.78	77	110443	33.247	ng		93
25) Isophorone	9.29	82	181374	31.499	ng	#	94
26) 2-Nitrophenol	9.47	139	44996	31.977	ng	#	71
27) 2,4-Dimethylphenol	9.54	122	77444	36.513	ng		90
28) bis(2-Chloroethoxy)methane	9.77	93	104364	30.637	ng		99
29) 2,4-Dichlorophenol	10.00	162	87200	34.070	ng		99
30) 1,2,4-Trichlorobenzene	10.20	180	99941	31.701	ng		99
31) Naphthalene	10.39	128	262125	31.982	ng		99
32) Benzoic acid	9.65	122	5407m	2.986	ng		
33) 4-Chloroaniline	10.53	127	42983	12.531	ng	#	93
34) Hexachlorobutadiene	10.65	225	83763	30.965	ng		99
35) Caprolactam	11.36	113	20100m	29.215	ng		
36) 4-Chloro-3-methylphenol	11.66	107	87495	32.341	ng		93
37) 2-Methylnaphthalene	12.01	142	190039	31.722	ng	#	92
38) 1-Methylnaphthalene	12.23	142	176452	30.836	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	126440	34.823	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	84386	44.946	ng		97
43) 2,4,6-Trichlorophenol	12.65	196	73376	33.711	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	77134	34.912	ng	#	94
46) 1,1'-Biphenyl	13.05	154	239818	32.874	ng		99
47) 2-Chloronaphthalene	13.09	162	190061	31.657	ng		96
48) 2-Nitroaniline	13.33	65	59315	31.256	ng		86
49) Acenaphthylene	13.95	152	295375	32.075	ng		99
50) Dimethylphthalate	13.70	163	337259	43.245	ng		100
51) 2,6-Dinitrotoluene	13.83	165	51573	33.486	ng	#	63
52) Acenaphthene	14.29	154	171429	31.921	ng		99
53) 3-Nitroaniline	14.17	138	35823	23.356	ng		95
54) 2,4-Dinitrophenol	14.40	184	6995	12.525	ng	#	61
55) Dibenzofuran	14.63	168	283076	31.721	ng	#	90
56) 4-Nitrophenol	14.49	139	66725	65.274	ng	#	55
57) 2,4-Dinitrotoluene	14.63	165	66927	30.270	ng	#	50
58) Fluorene	15.28	166	225188	29.933	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	68068	30.901	ng	#	93
60) Diethylphthalate	15.07	149	253078	30.773	ng		96
61) 4-Chlorophenyl-phenylether	15.27	204	138221	29.153	ng		93
62) 4-Nitroaniline	15.35	138	38771	27.312	ng	#	43
63) Azobenzene	15.57	77	241766	30.507	ng		85
65) 4,6-Dinitro-2-methylphenol	15.41	198	10769	14.760	ng		82
66) n-Nitrosodiphenylamine	15.50	169	185295	34.799	ng		99
67) 4-Bromophenyl-phenylether	16.17	248	81695	33.199	ng	#	91
68) Hexachlorobenzene	16.28	284	86046	30.778	ng	#	87
69) Atrazine	16.47	200	68937	39.097	ng		97
70) Pentachlorophenol	16.64	266	79700	58.596	ng		99
71) Phenanthrene	17.03	178	331058	34.377	ng		99
72) Anthracene	17.12	178	308869	32.310	ng		99
73) Carbazole	17.40	167	250864	31.449	ng	#	97
74) Di-n-butylphthalate	17.96	149	369367	30.519	ng	#	98
75) Fluoranthene	19.06	202	392385	33.789	ng		97
77) Benzidine	19.27	184	86039	24.397	ng		99
78) Pyrene	19.42	202	390475	35.283	ng		99
80) Butylbenzylphthalate	20.33	149	147225	29.742	ng	#	85
81) Benzo(a)anthracene	21.17	228	374105	33.833	ng		98
82) 3,3'-Dichlorobenzidine	21.12	252	112300	29.129	ng		99
83) Chrysene	21.23	228	361654	33.882	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	222499	29.888	ng		93
85) Di-n-octyl phthalate	21.97	149	361881	30.034	ng	#	92
86) Indeno(1,2,3-cd)pyrene	25.58	276	469805	39.293	ng	#	96
88) Benzo(b)fluoranthene	22.73	252	415052	34.260	ng		98
89) Benzo(k)fluoranthene	22.77	252	357458	30.185	ng		99
90) Benzo(a)pyrene	23.29	252	380016	34.444	ng		99
91) Dibenzo(a,h)anthracene	25.59	278	381909	32.578	ng	#	97
92) Benzo(g,h,i)perylene	26.26	276	375961	36.683	ng		97

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

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