Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
Data File : BM038690.D
Acq On : 03 Feb 2023 21:49
Operator : CG/JU
Sample : 01414-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 05:22:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 05:17:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	63592	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	219381	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	153340	20.000	ng		0.00
64) Phenanthrene-d10	17.309	188	322120	20.000	ng		0.00
76) Chrysene-d12	21.486	240	285551	20.000	ng		0.00
86) Perylene-d12	23.880	264	365243	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	367006	113.054	ng		0.00
7) Phenol-d6	7.104	99	421407	113.817	ng		0.00
23) Nitrobenzene-d5	9.098	82	256024	66.288	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	246743	118.386	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	790735	65.650	ng		0.00
79) Terphenyl-d14	19.921	244	978448	60.467	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	55070	38.480	ng		97
3) Pyridine	3.751	79	130506	38.349	ng		99
4) n-Nitrosodimethylamine	3.663	42	62529	40.701	ng		99
6) Aniline	7.257	93	88523	19.167	ng		97
8) 2-Chlorophenol	7.492	128	174576	49.283	ng		98
9) Benzaldehyde	7.069	77	89866	55.069	ng		96
10) Phenol	7.128	94	181955	48.645	ng		99
11) bis(2-Chloroethyl)ether	7.351	93	141568	46.735	ng		99
12) 1,3-Dichlorobenzene	7.810	146	225983	49.931	ng		99
13) 1,4-Dichlorobenzene	7.957	146	227986	49.913	ng		98
14) 1,2-Dichlorobenzene	8.275	146	220449	50.379	ng		98
15) Benzyl Alcohol	8.175	79	127565m	46.810	ng		
16) 2,2'-oxybis(1-Chloropr...	8.463	45	125096	43.599	ng		97
17) 2-Methylphenol	8.386	107	130781	45.583	ng		98
18) Hexachloroethane	8.998	117	73427	49.777	ng		97
19) n-Nitroso-di-n-propyla...	8.739	70	104816	46.966	ng		97
20) 3+4-Methylphenols	8.716	107	174643	45.655	ng		99
22) Acetophenone	8.763	105	235312	44.977	ng	#	99
24) Nitrobenzene	9.145	77	168896	43.083	ng		95
25) Isophorone	9.669	82	292723	43.264	ng		99
26) 2-Nitrophenol	9.851	139	103460	47.427	ng		97
27) 2,4-Dimethylphenol	9.916	122	152337	48.401	ng		97
28) bis(2-Chloroethoxy)met...	10.151	93	184610	44.647	ng		98
29) 2,4-Dichlorophenol	10.392	162	216107	48.330	ng		97
30) 1,2,4-Trichlorobenzene	10.592	180	226377	47.593	ng		99
31) Naphthalene	10.786	128	519288	46.127	ng		99
32) Benzoic acid	10.075	122	116864	45.869	ng		97
33) 4-Chloroaniline	10.910	127	42567	8.628	ng		96
34) Hexachlorobutadiene	11.057	225	110413	46.339	ng		97
35) Caprolactam	11.710	113	43441	45.110	ng		98
36) 4-Chloro-3-methylphenol	12.039	107	149975	45.359	ng		93
37) 2-Methylnaphthalene	12.392	142	401823	44.169	ng		99
38) 1-Methylnaphthalene	12.610	142	381107	44.458	ng		96
40) 1,2,4,5-Tetrachloroben...	12.757	216	187563	47.000	ng		99
41) Hexachlorocyclopentadiene	12.727	237	92707	37.437	ng		95
43) 2,4,6-Trichlorophenol	13.004	196	154076	49.144	ng		99

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44)	2,4,5-Trichlorophenol	13.080	196	163806	44.399	ng		99
46)	1,1'-Biphenyl	13.398	154	582322	47.941	ng		100
47)	2-Chloronaphthalene	13.445	162	474690	49.664	ng		99
48)	2-Nitroaniline	13.663	65	90882	42.397	ng		91
49)	Acenaphthylene	14.286	152	713908	47.421	ng		99
50)	Dimethylphthalate	14.027	163	574534	45.914	ng		100
51)	2,6-Dinitrotoluene	14.157	165	121683	47.844	ng		96
52)	Acenaphthene	14.627	154	425455	47.330	ng		99
53)	3-Nitroaniline	14.486	138	59688	23.292	ng		96
54)	2,4-Dinitrophenol	14.698	184	139115	84.035	ng		94
55)	Dibenzofuran	14.962	168	711538	45.966	ng		99
56)	4-Nitrophenol	14.804	139	204309	100.162	ng		96
57)	2,4-Dinitrotoluene	14.945	165	171748	45.841	ng	#	91
58)	Fluorene	15.610	166	582709	47.576	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.192	232	124490	48.482	ng		100
60)	Diethylphthalate	15.380	149	553300	46.674	ng		99
61)	4-Chlorophenyl-phenyle...	15.604	204	240978	46.377	ng		98
62)	4-Nitroaniline	15.651	138	110064m	40.578	ng		
63)	Azobenzene	15.898	77	420011	46.051	ng		97
65)	4,6-Dinitro-2-methylph...	15.704	198	83821	41.336	ng		97
66)	n-Nitrosodiphenylamine	15.821	169	486005	46.208	ng		99
67)	4-Bromophenyl-phenylether	16.498	248	143468	46.127	ng		98
68)	Hexachlorobenzene	16.609	284	186274	49.004	ng		100
69)	Atrazine	16.774	200	155386	50.973	ng		99
70)	Pentachlorophenol	16.962	266	238063	85.914	ng		97
71)	Phenanthrene	17.351	178	898961	47.001	ng		99
72)	Anthracene	17.439	178	916444	46.837	ng		100
73)	Carbazole	17.715	167	872714	47.824	ng		100
74)	Di-n-butylphthalate	18.268	149	1043838	50.630	ng		100
75)	Fluoranthene	19.362	202	963373	47.972	ng		100
77)	Benzidine	19.556	184	473768	54.755	ng		99
78)	Pyrene	19.727	202	1024731	46.611	ng		99
80)	Butylbenzylphthalate	20.615	149	517484	47.311	ng		96
81)	Benzo(a)anthracene	21.468	228	961398	47.596	ng		99
82)	3,3'-Dichlorobenzidine	21.403	252	248738	35.794	ng		98
83)	Chrysene	21.521	228	889440	45.702	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.380	149	771551	48.433	ng		100
85)	Di-n-octyl phthalate	22.303	149	1372659	53.044	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.374	276	1378809	47.927	ng		100
88)	Benzo(b)fluoranthene	23.150	252	1127380	51.534	ng		99
89)	Benzo(k)fluoranthene	23.197	252	1066503	48.008	ng		99
90)	Benzo(a)pyrene	23.774	252	972793	44.966	ng		99
91)	Dibenzo(a,h)anthracene	26.379	278	1161041	47.969	ng		98
92)	Benzo(g,h,i)perylene	27.138	276	1126067	46.025	ng		99

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

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