Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
Data File : BM038691.D
Acq On : 03 Feb 2023 22:25
Operator : CG/JU
Sample : 01414-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Feb 04 05:23:09 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	65479	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	226322	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	164598	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	346957	20.000	ng	0.00
76) Chrysene-d12	21.486	240	295749	20.000	ng	0.00
86) Perylene-d12	23.880	264	367492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	373413	111.713	ng	0.00
7) Phenol-d6	7.104	99	437888	114.860	ng	0.00
23) Nitrobenzene-d5	9.098	82	265384	66.604	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	265684	118.755	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	835054	64.588	ng	0.00
79) Terphenyl-d14	19.921	244	1049062	62.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	54818	37.200	ng	97
3) Pyridine	3.752	79	133591	38.124	ng	98
4) n-Nitrosodimethylamine	3.663	42	64213	40.592	ng	94
6) Aniline	7.257	93	91749	19.293	ng	97
8) 2-Chlorophenol	7.487	128	181663	49.806	ng	97
9) Benzaldehyde	7.069	77	91336	54.357	ng	96
10) Phenol	7.128	94	192227	49.910	ng	94
11) bis(2-Chloroethyl)ether	7.351	93	143155	45.897	ng	98
12) 1,3-Dichlorobenzene	7.810	146	228580	49.049	ng	97
13) 1,4-Dichlorobenzene	7.957	146	233246	49.593	ng	99
14) 1,2-Dichlorobenzene	8.275	146	224166	49.752	ng	98
15) Benzyl Alcohol	8.175	79	134338m	47.875	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	126337	42.763	ng	97
17) 2-Methylphenol	8.381	107	136247	46.120	ng	98
18) Hexachloroethane	8.998	117	75385	49.632	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	109935	47.840	ng	98
20) 3+4-Methylphenols	8.716	107	183358	46.552	ng	98
22) Acetophenone	8.757	105	243760	45.163	ng	97
24) Nitrobenzene	9.140	77	173953	43.012	ng	95
25) Isophorone	9.669	82	304476	43.621	ng	98
26) 2-Nitrophenol	9.851	139	109116	48.486	ng	99
27) 2,4-Dimethylphenol	9.916	122	159515	49.128	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	191717	44.944	ng	98
29) 2,4-Dichlorophenol	10.387	162	225552	48.895	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	230710	47.017	ng	99
31) Naphthalene	10.787	128	537034	46.241	ng	99
32) Benzoic acid	10.075	122	127267	48.420	ng	96
33) 4-Chloroaniline	10.910	127	46103	9.058	ng	93
34) Hexachlorobutadiene	11.057	225	115028	46.795	ng	98
35) Caprolactam	11.710	113	46327m	46.631	ng	
36) 4-Chloro-3-methylphenol	12.039	107	161756	47.422	ng	96
37) 2-Methylnaphthalene	12.392	142	423754	45.151	ng	100
38) 1-Methylnaphthalene	12.610	142	396430	44.827	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	195548	45.649	ng	98
41) Hexachlorocyclopentadiene	12.728	237	103460	38.921	ng	96
43) 2,4,6-Trichlorophenol	13.004	196	162122	48.174	ng	98

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44) 2,4,5-Trichlorophenol	13.080	196	178175	44.991	ng	97
46) 1,1'-Biphenyl	13.398	154	611133	46.872	ng	100
47) 2-Chloronaphthalene	13.445	162	495134	48.259	ng	99
48) 2-Nitroaniline	13.663	65	98747	42.889	ng	96
49) Acenaphthylene	14.286	152	758653	46.946	ng	99
50) Dimethylphthalate	14.027	163	617260	45.954	ng	100
51) 2,6-Dinitrotoluene	14.157	165	130548	47.819	ng	97
52) Acenaphthene	14.627	154	449963	46.633	ng	100
53) 3-Nitroaniline	14.486	138	66816	24.221	ng	94
54) 2,4-Dinitrophenol	14.698	184	153807	86.556	ng	93
55) Dibenzofuran	14.963	168	763801	45.968	ng	98
56) 4-Nitrophenol	14.810	139	218430	99.761	ng	94
57) 2,4-Dinitrotoluene	14.939	165	184333	45.835	ng	95
58) Fluorene	15.610	166	616252	46.873	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	134219	48.695	ng	99
60) Diethylphthalate	15.380	149	604046	47.470	ng	98
61) 4-Chlorophenyl-phenyle...	15.604	204	259638	46.550	ng	98
62) 4-Nitroaniline	15.651	138	119119m	40.897	ng	
63) Azobenzene	15.892	77	447512	45.710	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	91491	41.888	ng	99
66) n-Nitrosodiphenylamine	15.821	169	517903	45.716	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	155442	46.399	ng	98
68) Hexachlorobenzene	16.610	284	201971	49.330	ng	99
69) Atrazine	16.774	200	170285	51.861	ng	98
70) Pentachlorophenol	16.963	266	253563	84.957	ng	99
71) Phenanthrene	17.351	178	963396	46.764	ng	99
72) Anthracene	17.439	178	993714	47.150	ng	99
73) Carbazole	17.715	167	935587	47.599	ng	99
74) Di-n-butylphthalate	18.268	149	1130429	50.905	ng	100
75) Fluoranthene	19.362	202	1022431	47.268	ng	100
77) Benzidine	19.557	184	493260	55.026	ng	99
78) Pyrene	19.727	202	1083418	47.581	ng	99
80) Butylbenzylphthalate	20.615	149	535656	47.284	ng	97
81) Benzo(a)anthracene	21.468	228	1005229	48.050	ng	99
82) 3,3'-Dichlorobenzidine	21.403	252	251245	34.908	ng	99
83) Chrysene	21.521	228	930085	46.143	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	807070	48.900	ng	100
85) Di-n-octyl phthalate	22.303	149	1390809	51.892	ng	99
87) Indeno(1,2,3-cd)pyrene	26.374	276	1396176	48.234	ng	100
88) Benzo(b)fluoranthene	23.150	252	1141649	51.866	ng	100
89) Benzo(k)fluoranthene	23.197	252	1095668	49.019	ng	100
90) Benzo(a)pyrene	23.774	252	982931	45.156	ng	100
91) Dibenzo(a,h)anthracene	26.385	278	1172289	48.137	ng	99
92) Benzo(g,h,i)perylene	27.138	276	1134570	46.089	ng	99

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

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