Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032882.D
Acq On : 04 Nov 2021 19:24
Operator : CG/JU
Sample : M4499-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGEMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 07 08:51:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.490	152	120296	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	457578	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	264814	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	499817	20.000	ng	#	-0.01
76) Chrysene-d12	21.071	240	435416	20.000	ng		0.00
86) Perylene-d12	23.177	264	470359	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	1001298	145.113	ng		0.00
7) Phenol-d6	6.696	99	1166648	113.536	ng		0.00
23) Nitrobenzene-d5	8.642	82	845815	101.171	ng		0.00
42) 2,4,6-Tribromophenol	15.642	330	405337	136.673	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1774984	103.959	ng		0.00
79) Terphenyl-d14	19.518	244	2092495	104.922	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.937	88	136747	52.796	ng		89
3) Pyridine	3.337	79	243233	30.088	ng		89
4) n-Nitrosodimethylamine	3.243	42	176692	51.504	ng	#	70
6) Aniline	6.819	93	246520	21.487	ng		93
8) 2-Chlorophenol	7.060	128	408998	50.872	ng		94
9) Benzaldehyde	6.625	77	237193	40.900	ng		87
10) Phenol	6.725	94	442663	44.883	ng		85
11) bis(2-Chloroethyl)ether	6.919	93	388654	49.910	ng		93
12) 1,3-Dichlorobenzene	7.378	146	446982	50.318	ng	#	93
13) 1,4-Dichlorobenzene	7.519	146	457752	50.300	ng		98
14) 1,2-Dichlorobenzene	7.842	146	439316	49.056	ng		97
15) Benzyl Alcohol	7.737	79	358872	49.064	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	517376	46.223	ng		97
17) 2-Methylphenol	7.960	107	323659	46.717	ng	#	91
18) Hexachloroethane	8.560	117	168414	52.336	ng		93
19) n-Nitroso-di-n-propyla...	8.301	70	282348	44.878	ng		86
20) 3+4-Methylphenols	8.290	107	417369	44.015	ng		93
22) Acetophenone	8.307	105	575324	51.473	ng	#	91
24) Nitrobenzene	8.684	77	440727	55.020	ng	#	90
25) Isophorone	9.207	82	748057	50.637	ng		95
26) 2-Nitrophenol	9.395	139	214349	57.320	ng	#	75
27) 2,4-Dimethylphenol	9.478	122	360875	58.650	ng		96
28) bis(2-Chloroethoxy)met...	9.689	93	476272	48.252	ng		100
29) 2,4-Dichlorophenol	9.936	162	365647	51.817	ng		95
30) 1,2,4-Trichlorobenzene	10.142	180	409305	52.190	ng		97
31) Naphthalene	10.319	128	1237750	52.113	ng		100
32) Benzoic acid	9.613	122	49414	9.931	ng	#	85
33) 4-Chloroaniline	10.436	127	90747	9.150	ng		95
34) Hexachlorobutadiene	10.619	225	251244	52.699	ng		98
35) Caprolactam	11.207	113	89141	37.672	ng		88
36) 4-Chloro-3-methylphenol	11.589	107	377716	46.791	ng		97
37) 2-Methylnaphthalene	11.936	142	856445	51.306	ng		96
38) 1-Methylnaphthalene	12.166	142	793080m	48.036	ng		
40) 1,2,4,5-Tetrachloroben...	12.330	216	409257	55.902	ng		97
41) Hexachlorocyclopentadiene	12.313	237	465943	121.192	ng		97
43) 2,4,6-Trichlorophenol	12.577	196	281738	54.994	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.648	196	297805	52.600	ng	#	92
46) 1,1'-Biphenyl	12.972	154	1038848	54.286	ng		99
47) 2-Chloronaphthalene	13.013	162	819614	55.787	ng		99
48) 2-Nitroaniline	13.224	65	240341	55.675	ng	#	79
49) Acenaphthylene	13.866	152	1280557	54.325	ng		100
50) Dimethylphthalate	13.613	163	968714	50.276	ng		99
51) 2,6-Dinitrotoluene	13.724	165	214520	54.470	ng	#	64
52) Acenaphthene	14.213	154	754579	53.739	ng		98
53) 3-Nitroaniline	14.054	138	105886	24.705	ng		91
54) 2,4-Dinitrophenol	14.266	184	53215	23.221	ng	#	69
55) Dibenzofuran	14.548	168	1199421	50.882	ng		93
56) 4-Nitrophenol	14.395	139	319336	91.435	ng	#	70
57) 2,4-Dinitrotoluene	14.519	165	284863	53.396	ng	#	61
58) Fluorene	15.195	166	912210	51.618	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	246930	48.652	ng	#	85
60) Diethylphthalate	14.983	149	952320	49.305	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	456242	48.830	ng		93
62) 4-Nitroaniline	15.224	138	198306	44.015	ng	#	73
63) Azobenzene	15.489	77	928497	50.244	ng		86
65) 4,6-Dinitro-2-methylph...	15.289	198	68219	21.652	ng	#	75
66) n-Nitrosodiphenylamine	15.413	169	804579	54.911	ng		97
67) 4-Bromophenyl-phenylether	16.083	248	278576	54.234	ng		95
68) Hexachlorobenzene	16.213	284	310721	55.191	ng	#	86
69) Atrazine	16.365	200	276887	56.287	ng		96
70) Pentachlorophenol	16.554	266	347146	98.537	ng		98
71) Phenanthrene	16.930	178	1414968	53.390	ng		99
72) Anthracene	17.012	178	1448980	55.393	ng		100
73) Carbazole	17.289	167	1295279	49.690	ng		98
74) Di-n-butylphthalate	17.854	149	1527219	53.425	ng	#	97
75) Fluoranthene	18.942	202	1541300	50.690	ng		97
77) Benzidine	19.130	184	391316	32.794	ng		98
78) Pyrene	19.306	202	1584224	54.308	ng		99
80) Butylbenzylphthalate	20.212	149	650054	55.442	ng		88
81) Benzo(a)anthracene	21.053	228	1436011	51.694	ng		99
82) 3,3'-Dichlorobenzidine	20.989	252	329413	37.771	ng		100
83) Chrysene	21.106	228	1437066	52.657	ng		99
84) Bis(2-ethylhexyl)phtha...	20.989	149	897987	57.415	ng	#	94
85) Di-n-octyl phthalate	21.824	149	1585648	56.848	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.265	276	1751183	60.239	ng		97
88) Benzo(b)fluoranthene	22.559	252	1524897	53.248	ng		99
89) Benzo(k)fluoranthene	22.600	252	1502111	53.809	ng		99
90) Benzo(a)pyrene	23.089	252	1509016	63.775	ng		99
91) Dibenzo(a,h)anthracene	25.265	278	1496863	61.835	ng	#	95
92) Benzo(g,h,i)perylene	25.900	276	1542892	64.080	ng	#	95

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

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