Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
Data File : BM035812.D
Acq On : 14 Jul 2022 15:01
Operator : CG/JU
Sample : N3651-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 01:09:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	351487	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1440281	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	758240	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	1299773	20.000	ng		0.00
76) Chrysene-d12	21.456	240	963686	20.000	ng		0.00
86) Perylene-d12	23.844	264	1012601	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	2179266	100.708	ng		0.00
7) Phenol-d6	7.075	99	2681323	99.060	ng		0.00
23) Nitrobenzene-d5	9.080	82	1550600	61.546	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	738935	95.966	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	3065279	56.379	ng		0.00
79) Terphenyl-d14	19.903	244	2927390	58.968	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	402300	44.074	ng		93
3) Pyridine	3.728	79	1076000	45.421	ng		90
4) n-Nitrosodimethylamine	3.646	42	511867	49.090	ng	#	70
6) Aniline	7.234	93	1293165	42.752	ng		96
8) 2-Chlorophenol	7.475	128	1236071	54.861	ng		94
9) Benzaldehyde	7.045	77	645080	43.664	ng		92
10) Phenol	7.104	94	1493636	54.801	ng		91
11) bis(2-Chloroethyl)ether	7.339	93	1173350	52.215	ng		95
12) 1,3-Dichlorobenzene	7.798	146	1324733	51.288	ng		98
13) 1,4-Dichlorobenzene	7.945	146	1344556	51.107	ng		99
14) 1,2-Dichlorobenzene	8.263	146	1283895	50.571	ng		99
15) Benzyl Alcohol	8.157	79	968345m	55.631	ng		
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1571989	54.192	ng		97
17) 2-Methylphenol	8.357	107	970119	55.210	ng		95
18) Hexachloroethane	8.992	117	496165	53.595	ng		95
19) n-Nitroso-di-n-propyla...	8.728	70	856375	55.092	ng		88
20) 3+4-Methylphenols	8.686	107	1271913	54.082	ng		97
22) Acetophenone	8.739	105	1735207	49.907	ng	#	93
24) Nitrobenzene	9.122	77	1242675	52.345	ng		96
25) Isophorone	9.645	82	2304552	57.752	ng		98
26) 2-Nitrophenol	9.828	139	591289	57.151	ng		92
27) 2,4-Dimethylphenol	9.892	122	1035378	60.474	ng		97
28) bis(2-Chloroethoxy)met...	10.133	93	1451871	51.605	ng		100
29) 2,4-Dichlorophenol	10.363	162	1020705	54.455	ng		99
30) 1,2,4-Trichlorobenzene	10.580	180	1101998	47.574	ng		98
31) Naphthalene	10.769	128	3586346	49.304	ng		99
32) Benzoic acid	10.039	122	639804	54.183	ng		93
33) 4-Chloroaniline	10.880	127	531644	18.486	ng		95
34) Hexachlorobutadiene	11.051	225	665702	49.830	ng		99
35) Caprolactam	11.663	113	281323	49.074	ng		93
36) 4-Chloro-3-methylphenol	12.004	107	991831	52.328	ng		98
37) 2-Methylnaphthalene	12.380	142	2398519	50.133	ng		98
38) 1-Methylnaphthalene	12.598	142	2265000	48.599	ng		98
40) 1,2,4,5-Tetrachloroben...	12.745	216	1146222	52.219	ng		98
41) Hexachlorocyclopentadiene	12.721	237	1643464	143.555	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	727590	56.892	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	771627	56.246	ng	98
46) 1,1'-Biphenyl	13.386	154	2961338	51.422	ng	99
47) 2-Chloronaphthalene	13.427	162	2275056	51.600	ng	99
48) 2-Nitroaniline	13.627	65	587939	50.716	ng	93
49) Acenaphthylene	14.268	152	3483882	52.276	ng	100
50) Dimethylphthalate	14.010	163	2442576	49.981	ng	99
51) 2,6-Dinitrotoluene	14.127	165	540215	50.636	ng	91
52) Acenaphthene	14.610	154	2059979	50.645	ng	99
53) 3-Nitroaniline	14.451	138	342632	28.144	ng	94
54) 2,4-Dinitrophenol	14.657	184	493768	107.360	ng	88
55) Dibenzofuran	14.945	168	3127264	47.544	ng	98
56) 4-Nitrophenol	14.757	139	907434	90.741	ng	87
57) 2,4-Dinitrotoluene	14.910	165	685003	48.686	ng	97
58) Fluorene	15.592	166	2512967	48.153	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.168	232	579387	51.227	ng	97
60) Diethylphthalate	15.368	149	2383507	49.573	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	1222574	47.186	ng	97
62) 4-Nitroaniline	15.609	138	535950	40.857	ng	93
63) Azobenzene	15.880	77	2382573	47.816	ng	94
65) 4,6-Dinitro-2-methylph...	15.662	198	288824	52.131	ng	95
66) n-Nitrosodiphenylamine	15.798	169	2037841	54.829	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	712007	55.313	ng	93
68) Hexachlorobenzene	16.586	284	815956	53.670	ng	92
69) Atrazine	16.751	200	622924	64.865	ng	98
70) Pentachlorophenol	16.927	266	897328	114.247	ng	99
71) Phenanthrene	17.327	178	3367965	49.325	ng	99
72) Anthracene	17.415	178	3403848	51.819	ng	99
73) Carbazole	17.686	167	2985383	45.175	ng	99
74) Di-n-butylphthalate	18.262	149	3592660	50.810	ng	99
75) Fluoranthene	19.339	202	3414854	44.719	ng	99
77) Benzidine	19.521	184	1380288	102.308	ng	99
78) Pyrene	19.697	202	3474466	57.411	ng	99
80) Butylbenzylphthalate	20.603	149	1276175	58.605	ng	100
81) Benzo(a)anthracene	21.444	228	3039892	50.284	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	822389	67.101	ng	100
83) Chrysene	21.497	228	2898382	49.659	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1833795	56.224	ng	98
85) Di-n-octyl phthalate	22.309	149	2839965	60.216	ng	96
87) Indeno(1,2,3-cd)pyrene	26.332	276	3971571	53.860	ng	99
88) Benzo(b)fluoranthene	23.121	252	3215797	52.581	ng	99
89) Benzo(k)fluoranthene	23.168	252	3048279	47.652	ng	99
90) Benzo(a)pyrene	23.738	252	2857007	55.831	ng	99
91) Dibenzo(a,h)anthracene	26.356	278	3469282	56.715	ng	99
92) Benzo(g,h,i)perylene	27.097	276	3480273	57.663	ng	99

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

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