Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
Data File : BM036416.D
Acq On : 25 Aug 2022 21:06
Operator : CG/JU
Sample : N4270-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 03:44:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 15:21:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	302880	20.000	ng		0.00
21) Naphthalene-d8	10.580	136	1245511	20.000	ng		0.00
39) Acenaphthene-d10	14.427	164	668282	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1143906	20.000	ng		0.00
76) Chrysene-d12	21.350	240	784502	20.000	ng		0.00
86) Perylene-d12	23.674	264	753101	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2133092	114.180	ng		0.00
7) Phenol-d6	6.969	99	2646441	111.330	ng		0.00
23) Nitrobenzene-d5	8.957	82	1620554	72.832	ng		0.00
42) 2,4,6-Tribromophenol	15.921	330	765021	97.581	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	3274179	72.338	ng		0.00
79) Terphenyl-d14	19.797	244	3215405	80.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	312635	41.530	ng		96
3) Pyridine	3.646	79	859599	42.583	ng		93
4) n-Nitrosodimethylamine	3.557	42	448650	54.085	ng	#	76
6) Aniline	7.116	93	1362699	51.767	ng		98
8) 2-Chlorophenol	7.351	128	1009671	50.690	ng		96
9) Benzaldehyde	6.928	77	549489	43.663	ng		98
10) Phenol	6.998	94	1242392	51.907	ng		93
11) bis(2-Chloroethyl)ether	7.216	93	966535	49.020	ng		98
12) 1,3-Dichlorobenzene	7.669	146	1078959	48.882	ng		98
13) 1,4-Dichlorobenzene	7.816	146	1098406	48.797	ng		100
14) 1,2-Dichlorobenzene	8.133	146	1055647	48.604	ng		99
15) Benzyl Alcohol	8.039	79	814104m	51.035	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1395041	53.209	ng		98
17) 2-Methylphenol	8.239	107	807468	50.963	ng		97
18) Hexachloroethane	8.851	117	419293	51.745	ng		92
19) n-Nitroso-di-n-propyla...	8.604	70	720397	49.892	ng		92
20) 3+4-Methylphenols	8.575	107	1070012	49.708	ng		98
22) Acetophenone	8.616	105	1473821	49.988	ng	#	95
24) Nitrobenzene	8.998	77	1088704	52.048	ng		98
25) Isophorone	9.527	82	1922577	53.114	ng		98
26) 2-Nitrophenol	9.704	139	516015	52.302	ng		96
27) 2,4-Dimethylphenol	9.775	122	855963	56.006	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	1234714	47.879	ng		100
29) 2,4-Dichlorophenol	10.239	162	848203	49.351	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	898662	46.140	ng		98
31) Naphthalene	10.633	128	3005391	48.534	ng		100
32) Benzoic acid	9.945	122	507171	41.863	ng		94
33) 4-Chloroaniline	10.757	127	938601	37.610	ng		96
34) Hexachlorobutadiene	10.910	225	534770	46.725	ng		98
35) Caprolactam	11.574	113	228068	43.081	ng		95
36) 4-Chloro-3-methylphenol	11.892	107	852210	47.174	ng		99
37) 2-Methylnaphthalene	12.245	142	1979565	48.039	ng		99
38) 1-Methylnaphthalene	12.468	142	1889808	46.831	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	927579	51.197	ng		98
41) Hexachlorocyclopentadiene	12.586	237	1203095	125.378	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	610330	49.506	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.939	196	649759	49.927	ng	97
46)	1,1'-Biphenyl	13.263	154	2500139	51.335	ng	99
47)	2-Chloronaphthalene	13.304	162	1874134	50.279	ng	98
48)	2-Nitroaniline	13.527	65	536172	52.782	ng	93
49)	Acenaphthylene	14.151	152	2946168	51.132	ng	100
50)	Dimethylphthalate	13.904	163	2116078	46.563	ng	99
51)	2,6-Dinitrotoluene	14.021	165	460546	50.508	ng	97
52)	Acenaphthene	14.492	154	1999314m	53.044	ng	
53)	3-Nitroaniline	14.351	138	379496	35.672	ng	99
54)	2,4-Dinitrophenol	14.562	184	412885	85.569	ng	95
55)	Dibenzofuran	14.827	168	2673955	47.374	ng	99
56)	4-Nitrophenol	14.674	139	750943	88.208	ng	92
57)	2,4-Dinitrotoluene	14.810	165	598452	50.073	ng	91
58)	Fluorene	15.474	166	2137169	48.001	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.057	232	493189	44.737	ng	98
60)	Diethylphthalate	15.257	149	2132850	45.669	ng	99
61)	4-Chlorophenyl-phenyle...	15.474	204	1027110	46.264	ng	98
62)	4-Nitroaniline	15.515	138	459868m	42.019	ng	
63)	Azobenzene	15.768	77	2152585	48.484	ng	95
65)	4,6-Dinitro-2-methylph...	15.568	198	263722	45.089	ng	92
66)	n-Nitrosodiphenylamine	15.692	169	1724620	53.407	ng	98
67)	4-Bromophenyl-phenylether	16.368	248	583626	51.007	ng	96
68)	Hexachlorobenzene	16.474	284	662524	50.465	ng	94
69)	Atrazine	16.651	200	546394	60.470	ng	98
70)	Pentachlorophenol	16.821	266	745228	96.923	ng	99
71)	Phenanthrene	17.215	178	2909556	49.926	ng	100
72)	Anthracene	17.303	178	2954118	52.358	ng	99
73)	Carbazole	17.580	167	2586102	45.237	ng	99
74)	Di-n-butylphthalate	18.145	149	3355183	49.165	ng	100
75)	Fluoranthene	19.227	202	2874931	44.070	ng	97
77)	Benzidine	19.427	184	1519226	129.129	ng	99
78)	Pyrene	19.592	202	2881407	59.231	ng	99
80)	Butylbenzylphthalate	20.497	149	1202042	57.251	ng	99
81)	Benzo(a)anthracene	21.338	228	2336587	48.356	ng	99
82)	3,3'-Dichlorobenzidine	21.280	252	798067	68.019	ng	100
83)	Chrysene	21.391	228	2212788	48.174	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.268	149	1772662	55.962	ng	99
85)	Di-n-octyl phthalate	22.168	149	2571886	49.750	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.079	276	2836068	53.588	ng	97
88)	Benzo(b)fluoranthene	22.968	252	2228173m	50.499	ng	
89)	Benzo(k)fluoranthene	23.015	252	2175359	48.813	ng	99
90)	Benzo(a)pyrene	23.574	252	1961254	52.977	ng	99
91)	Dibenzo(a,h)anthracene	26.097	278	2488359	56.170	ng	98
92)	Benzo(g,h,i)perylene	26.820	276	2541897	59.270	ng	97

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

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