Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126719.D
Acq On : 28 Jan 2022 16:38
Operator : CG/JU
Sample : N1319-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
MH-1DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

Quant Time: Jan 29 02:27:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	263494	40.000	ng		0.00
21) Naphthalene-d8	8.240	136	1017729	40.000	ng		0.00
39) Acenaphthene-d10	9.998	164	511234	40.000	ng		0.00
64) Phenanthrene-d10	11.492	188	736272	40.000	ng		0.00
76) Chrysene-d12	14.145	240	483591	40.000	ng	#	0.00
86) Perylene-d12	15.663	264	566968	40.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1270619	126.911	ng		0.02
7) Phenol-d6	6.581	99	1729337	124.320	ng		0.00
23) Nitrobenzene-d5	7.522	82	1227951	94.452	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	289793	121.142	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1490026	89.273	ng		0.00
79) Terphenyl-d14	13.080	244	1194466	82.857	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	270337	54.786	ng	#	87
3) Pyridine	3.628	79	667869	48.317	ng	#	82
4) n-Nitrosodimethylamine	3.593	42	246812	50.464	ng	#	70
6) Aniline	6.622	93	733926m	42.104	ng		
8) 2-Chlorophenol	6.740	128	524401	57.105	ng		95
9) Benzaldehyde	6.510	77	521594	57.154	ng		86
10) Phenol	6.593	94	843160	56.990	ng		99
11) bis(2-Chloroethyl)ether	6.693	93	689774	57.453	ng		93
12) 1,3-Dichlorobenzene	6.898	146	559452	54.878	ng		96
13) 1,4-Dichlorobenzene	6.975	146	561996	54.591	ng		95
14) 1,2-Dichlorobenzene	7.128	146	545657	56.223	ng		99
15) Benzyl Alcohol	7.093	79	598370	48.249	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.228	45	782627	57.137	ng		85
17) 2-Methylphenol	7.204	107	494706	54.795	ng		97
18) Hexachloroethane	7.469	117	227529	54.738	ng		93
19) n-Nitroso-di-n-propyla...	7.369	70	483942	47.667	ng	#	84
20) 3+4-Methylphenols	7.351	107	598047	51.087	ng	#	81
22) Acetophenone	7.363	105	807249	51.477	ng	#	90
24) Nitrobenzene	7.540	77	769457	57.332	ng	#	88
25) Isophorone	7.775	82	1353138	53.669	ng		95
26) 2-Nitrophenol	7.851	139	262553	74.993	ng	#	76
27) 2,4-Dimethylphenol	7.887	122	494164	59.478	ng		91
28) bis(2-Chloroethoxy)met...	7.987	93	825456	52.494	ng		97
29) 2,4-Dichlorophenol	8.092	162	413335	52.446	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	446289	52.805	ng		98
31) Naphthalene	8.263	128	1474467	53.637	ng		99
32) Benzoic acid	7.992	122	289805	61.490	ng	#	70
33) 4-Chloroaniline	8.304	127	171847	15.647	ng	#	92
34) Hexachlorobutadiene	8.375	225	270246	50.268	ng		98
35) Caprolactam	8.681	113	138238m	49.118	ng		
36) 4-Chloro-3-methylphenol	8.781	107	497871	48.308	ng		88
37) 2-Methylnaphthalene	8.951	142	914962	53.519	ng		97
38) 1-Methylnaphthalene	9.051	142	848239	51.190	ng		99
40) 1,2,4,5-Tetrachloroben...	9.116	216	419688	58.537	ng		97
41) Hexachlorocyclopentadiene	9.104	237	525916	120.479	ng		95
43) 2,4,6-Trichlorophenol	9.228	196	275007	53.806	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	280769	53.041	ng	#	91
46) 1,1'-Biphenyl	9.422	154	1078959	56.027	ng		98
47) 2-Chloronaphthalene	9.445	162	839448	55.483	ng		100
48) 2-Nitroaniline	9.539	65	328521	62.887	ng		92
49) Acenaphthylene	9.863	152	1323862	55.780	ng		99
50) Dimethylphthalate	9.716	163	924435	50.990	ng		99
51) 2,6-Dinitrotoluene	9.781	165	203862	65.073	ng		90
52) Acenaphthene	10.034	154	851598	58.692	ng		96
53) 3-Nitroaniline	9.951	138	119955	33.490	ng		89
54) 2,4-Dinitrophenol	10.051	184	176429	128.047	ng		95
55) Dibenzofuran	10.210	168	1130564	51.849	ng		98
56) 4-Nitrophenol	10.104	139	294313	103.188	ng	#	78
57) 2,4-Dinitrotoluene	10.186	165	255170	67.216	ng	#	93
58) Fluorene	10.551	166	828341	50.316	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	220478	50.945	ng	#	82
60) Diethylphthalate	10.416	149	849363	47.129	ng		98
61) 4-Chlorophenyl-phenyle...	10.539	204	404774	49.230	ng		89
62) 4-Nitroaniline	10.569	138	183517	52.792	ng		81
63) Azobenzene	10.704	77	1241254	46.540	ng		92
65) 4,6-Dinitro-2-methylph...	10.586	198	115514	70.335	ng		88
66) n-Nitrosodiphenylamine	10.657	169	706515	56.855	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	245803	57.934	ng		94
68) Hexachlorobenzene	11.098	284	267124	59.010	ng	#	86
69) Atrazine	11.186	200	211077	53.185	ng		92
70) Pentachlorophenol	11.286	266	264723	100.568	ng		97
71) Phenanthrene	11.516	178	1139747	54.191	ng		99
72) Anthracene	11.569	178	1165261	55.220	ng		99
73) Carbazole	11.722	167	951995	48.052	ng		99
74) Di-n-butylphthalate	12.045	149	1173907	49.137	ng		98
75) Fluoranthene	12.710	202	998780	48.078	ng		99
77) Benzidine	12.827	184	487493	58.443	ng		99
78) Pyrene	12.939	202	1004292	51.361	ng		99
80) Butylbenzylphthalate	13.557	149	426607	50.218	ng	#	98
81) Benzo(a)anthracene	14.133	228	893998	54.397	ng		100
82) 3,3'-Dichlorobenzidine	14.092	252	186206	34.489	ng	#	96
83) Chrysene	14.169	228	840375	53.142	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	609227	52.954	ng		99
85) Di-n-octyl phthalate	14.733	149	1089211	61.836	ng		95
87) Indeno(1,2,3-cd)pyrene	17.227	276	1121412	64.025	ng	#	92
88) Benzo(b)fluoranthene	15.210	252	992200	52.779	ng	#	94
89) Benzo(k)fluoranthene	15.245	252	890668	48.254	ng	#	95
90) Benzo(a)pyrene	15.598	252	946562	61.884	ng	#	96
91) Dibenzo(a,h)anthracene	17.245	278	949724	65.452	ng		95
92) Benzo(g,h,i)perylene	17.704	276	973618	68.430	ng	#	92

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

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