Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134447.D
Acq On : 25 Jul 2023 01:00
Operator : CG\JU
Sample : 03680-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 02:56:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	66962	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	249973	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	103464	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	249598	20.000	ng		0.00
76) Chrysene-d12	14.033	240	178036	20.000	ng		0.00
86) Perylene-d12	15.533	264	140763	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	279229	68.896	ng		0.00
7) Phenol-d6	6.475	99	296259	59.662	ng		0.00
23) Nitrobenzene-d5	7.398	82	214397	43.394	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	104821	71.305	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	347311	44.068	ng		0.00
79) Terphenyl-d14	12.963	244	442526	43.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	63538	36.960	ng		100
3) Pyridine	3.440	79	154476	40.031	ng		99
4) n-Nitrosodimethylamine	3.405	42	104065	45.633	ng		92
6) Aniline	6.504	93	216955	37.071	ng		99
8) 2-Chlorophenol	6.622	128	195707	47.665	ng		98
9) Benzaldehyde	6.393	77	108861	40.938	ng		97
10) Phenol	6.493	94	216994	42.000	ng		100
11) bis(2-Chloroethyl)ether	6.575	93	158560	43.962	ng		91
12) 1,3-Dichlorobenzene	6.775	146	213539	48.364	ng		99
13) 1,4-Dichlorobenzene	6.851	146	212443	46.756	ng		99
14) 1,2-Dichlorobenzene	7.004	146	204018	47.800	ng		97
15) Benzyl Alcohol	6.981	79	181456	47.329	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	262461	49.415	ng		97
17) 2-Methylphenol	7.093	107	159748	43.625	ng		99
18) Hexachloroethane	7.340	117	80514	46.123	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	134046	43.363	ng		99
20) 3+4-Methylphenols	7.245	107	199512	42.555	ng		97
22) Acetophenone	7.245	105	274164	44.100	ng		96
24) Nitrobenzene	7.416	77	202436	41.199	ng		95
25) Isophorone	7.657	82	369503	44.874	ng		98
26) 2-Nitrophenol	7.734	139	104347	46.172	ng		99
27) 2,4-Dimethylphenol	7.775	122	166438	46.668	ng		94
28) bis(2-Chloroethoxy)met...	7.863	93	208080	45.400	ng		99
29) 2,4-Dichlorophenol	7.975	162	158771	44.534	ng		97
30) 1,2,4-Trichlorobenzene	8.057	180	177382	46.125	ng		99
31) Naphthalene	8.139	128	548726	44.107	ng		99
32) Benzoic acid	7.904	122	102297	42.941	ng	#	77
33) 4-Chloroaniline	8.187	127	120593	23.450	ng		97
34) Hexachlorobutadiene	8.245	225	115667	44.897	ng		97
35) Caprolactam	8.569	113	53187m	48.789	ng		
36) 4-Chloro-3-methylphenol	8.675	107	184880	44.943	ng		95
37) 2-Methylnaphthalene	8.828	142	361204	41.786	ng		98
38) 1-Methylnaphthalene	8.928	142	314053	39.163	ng		95
40) 1,2,4,5-Tetrachloroben...	8.992	216	154577	47.145	ng		98
41) Hexachlorocyclopentadiene	8.975	237	128148	101.642	ng		96
43) 2,4,6-Trichlorophenol	9.110	196	96770	46.006	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	106071	43.283	ng	98
46) 1,1'-Biphenyl	9.292	154	395962	46.434	ng	99
47) 2-Chloronaphthalene	9.322	162	294470	46.841	ng	98
48) 2-Nitroaniline	9.422	65	105631	46.655	ng	98
49) Acenaphthylene	9.733	152	489986	46.136	ng	99
50) Dimethylphthalate	9.598	163	372968	48.628	ng	98
51) 2,6-Dinitrotoluene	9.663	165	79251	47.091	ng	99
52) Acenaphthene	9.910	154	290172	46.251	ng	99
53) 3-Nitroaniline	9.839	138	68995	35.758	ng	96
54) 2,4-Dinitrophenol	9.951	184	48918	57.424	ng	93
55) Dibenzofuran	10.081	168	444473	46.030	ng	99
56) 4-Nitrophenol	10.010	139	109279	106.203	ng	95
57) 2,4-Dinitrotoluene	10.075	165	105918	46.858	ng	92
58) Fluorene	10.428	166	363206	46.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	86014m	45.683	ng	
60) Diethylphthalate	10.298	149	369383	46.517	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	173997	46.757	ng	99
62) 4-Nitroaniline	10.457	138	81402	41.120	ng	93
63) Azobenzene	10.575	77	342858	46.908	ng	94
65) 4,6-Dinitro-2-methylph...	10.486	198	49069	34.272	ng	100
66) n-Nitrosodiphenylamine	10.539	169	317153	39.938	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	112333	41.077	ng	97
68) Hexachlorobenzene	10.975	284	146383	47.535	ng	99
69) Atrazine	11.069	200	123951	55.985	ng	94
70) Pentachlorophenol	11.175	266	110003	85.118	ng	97
71) Phenanthrene	11.392	178	601753	46.143	ng	99
72) Anthracene	11.445	178	609625	45.292	ng	99
73) Carbazole	11.604	167	600828	47.403	ng	100
74) Di-n-butylphthalate	11.927	149	652475	44.844	ng	99
75) Fluoranthene	12.592	202	676744	44.527	ng	99
77) Benzidine	12.716	184	355805	93.598	ng	99
78) Pyrene	12.822	202	611885	43.224	ng	100
80) Butylbenzylphthalate	13.439	149	270930	47.779	ng	98
81) Benzo(a)anthracene	14.021	228	565295	45.510	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	135513	34.445	ng	93
83) Chrysene	14.057	228	453062	38.134	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	343040	49.796	ng	99
85) Di-n-octyl phthalate	14.621	149	409767	42.803	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	487104	52.968	ng	98
88) Benzo(b)fluoranthene	15.092	252	402180	45.670	ng	99
89) Benzo(k)fluoranthene	15.121	252	393339	45.419	ng	98
90) Benzo(a)pyrene	15.474	252	352866	43.351	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	398295	53.630	ng	98
92) Benzo(g,h,i)perylene	17.557	276	402291	52.755	ng	99

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

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