Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136126.D
Acq On : 03 Nov 2023 16:09
Operator : CG\JU
Sample : 05197-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SCFMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 04 00:08:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	96840	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	363305	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	177723	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	296758	20.000	ng	0.00
76) Chrysene-d12	14.010	240	192255	20.000	ng	0.00
86) Perylene-d12	15.498	264	255192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	651356	105.695	ng	0.00
7) Phenol-d6	6.457	99	788474	102.689	ng	0.00
23) Nitrobenzene-d5	7.387	82	485641	80.581	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	213759	112.684	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	860100	77.147	ng	0.00
79) Terphenyl-d14	12.951	244	807635	65.283	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	110971	41.353	ng	99
3) Pyridine	3.393	79	264413	36.099	ng	98
4) n-Nitrosodimethylamine	3.363	42	138575	45.249	ng	91
6) Aniline	6.481	93	239237	24.066	ng	98
8) 2-Chlorophenol	6.604	128	305783	46.411	ng	98
9) Benzaldehyde	6.369	77	68267	15.945	ng	98
10) Phenol	6.469	94	351987m	44.321	ng	
11) bis(2-Chloroethyl)ether	6.557	93	284095	45.695	ng	96
12) 1,3-Dichlorobenzene	6.763	146	327895	47.817	ng	98
13) 1,4-Dichlorobenzene	6.840	146	333224	48.489	ng	98
14) 1,2-Dichlorobenzene	6.987	146	315884	49.158	ng	97
15) Benzyl Alcohol	6.963	79	248654	45.672	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	389690	45.537	ng	99
17) 2-Methylphenol	7.075	107	231455	41.410	ng	96
18) Hexachloroethane	7.328	117	119484	49.468	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	196015	44.679	ng	97
20) 3+4-Methylphenols	7.228	107	287863	42.236	ng	96
22) Acetophenone	7.234	105	398160	49.424	ng	97
24) Nitrobenzene	7.404	77	301145	49.399	ng	97
25) Isophorone	7.639	82	545176	47.916	ng	99
26) 2-Nitrophenol	7.716	139	151846	54.594	ng	90
27) 2,4-Dimethylphenol	7.757	122	222592	42.351	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	333457	47.833	ng	97
29) 2,4-Dichlorophenol	7.957	162	240614	48.562	ng	97
30) 1,2,4-Trichlorobenzene	8.039	180	272422	50.400	ng	98
31) Naphthalene	8.122	128	848457	48.430	ng	99
32) Benzoic acid	7.869	122	181412m	43.610	ng	
33) 4-Chloroaniline	8.169	127	78044	10.172	ng	98
34) Hexachlorobutadiene	8.239	225	163930	52.884	ng	98
35) Caprolactam	8.545	113	74537m	46.264	ng	
36) 4-Chloro-3-methylphenol	8.657	107	253353	48.705	ng	99
37) 2-Methylnaphthalene	8.816	142	539888	45.960	ng	98
38) 1-Methylnaphthalene	8.916	142	522221	47.770	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	261559	51.605	ng	99
41) Hexachlorocyclopentadiene	8.969	237	280557	103.609	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	166489	50.379	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	177303	46.316	ng		98
46) 1,1'-Biphenyl	9.281	154	695785	51.357	ng		99
47) 2-Chloronaphthalene	9.304	162	517289	51.793	ng		98
48) 2-Nitroaniline	9.404	65	147489	49.898	ng		91
49) Acenaphthylene	9.722	152	811932	52.110	ng		100
50) Dimethylphthalate	9.586	163	579095	49.399	ng		100
51) 2,6-Dinitrotoluene	9.645	165	127933	51.025	ng		93
52) Acenaphthene	9.892	154	491509	49.622	ng		99
53) 3-Nitroaniline	9.810	138	67667	23.130	ng		92
54) 2,4-Dinitrophenol	9.922	184	117132	85.579	ng		98
55) Dibenzofuran	10.069	168	704708	48.792	ng		98
56) 4-Nitrophenol	9.975	139	197497	90.250	ng	#	81
57) 2,4-Dinitrotoluene	10.051	165	165353	52.124	ng		93
58) Fluorene	10.410	166	526373	48.676	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	147790	48.559	ng		99
60) Diethylphthalate	10.286	149	549213	49.033	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	260974	48.347	ng		94
62) 4-Nitroaniline	10.428	138	117114	41.573	ng		96
63) Azobenzene	10.569	77	511645	47.431	ng		95
65) 4,6-Dinitro-2-methylph...	10.457	198	75830	46.685	ng		89
66) n-Nitrosodiphenylamine	10.527	169	465704	52.022	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	164056	52.729	ng		95
68) Hexachlorobenzene	10.957	284	180170	54.220	ng	#	93
69) Atrazine	11.057	200	149819	61.510	ng		97
70) Pentachlorophenol	11.151	266	195680	91.694	ng		97
71) Phenanthrene	11.374	178	808749	54.126	ng		99
72) Anthracene	11.427	178	774339	50.575	ng		99
73) Carbazole	11.586	167	633840	47.639	ng		99
74) Di-n-butylphthalate	11.927	149	781618	51.412	ng		99
75) Fluoranthene	12.569	202	805385	52.468	ng		99
77) Benzidine	12.698	184	231699	61.832	ng		99
78) Pyrene	12.804	202	801982	47.314	ng		98
80) Butylbenzylphthalate	13.433	149	292597	48.225	ng		98
81) Benzo(a)anthracene	13.998	228	672252	52.817	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	127260	31.327	ng		99
83) Chrysene	14.033	228	648194	51.712	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	386582	54.689	ng	#	96
85) Di-n-octyl phthalate	14.621	149	748853	70.717	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	863154	51.753	ng		98
88) Benzo(b)fluoranthene	15.062	252	755122	50.008	ng		99
89) Benzo(k)fluoranthene	15.092	252	694776	46.502	ng		99
90) Benzo(a)pyrene	15.439	252	688206	49.051	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	702255	51.403	ng		98
92) Benzo(g,h,i)perylene	17.480	276	671680	43.474	ng		98

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

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