Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136906.D
Acq On : 03 Jan 2024 14:20
Operator : CG\JU
Sample : 05975-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7-122023MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 15:10:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	91293	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	355518	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	178835	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	320514	20.000	ng		0.00
76) Chrysene-d12	13.969	240	169620	20.000	ng		0.00
86) Perylene-d12	15.445	264	192099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	367584	62.824	ng		0.00
7) Phenol-d6	6.434	99	286711	37.817	ng		0.00
23) Nitrobenzene-d5	7.351	82	596820	85.903	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	252618	119.941	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	1134743	85.342	ng		-0.01
79) Terphenyl-d14	12.904	244	1017267	83.811	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.611	88	48880	20.050	ng		97
3) Pyridine	3.375	79	106880	17.968	ng		92
4) n-Nitrosodimethylamine	3.328	42	64302	20.243	ng		98
6) Aniline	6.451	93	205053	27.052	ng		95
8) 2-Chlorophenol	6.575	128	245109	38.280	ng		95
9) Benzaldehyde	6.340	77	72787	16.879	ng		99
10) Phenol	6.446	94	125426	15.497	ng	#	71
11) bis(2-Chloroethyl)ether	6.522	93	277850	45.143	ng		99
12) 1,3-Dichlorobenzene	6.722	146	256294	36.692	ng		98
13) 1,4-Dichlorobenzene	6.798	146	261761	36.676	ng		98
14) 1,2-Dichlorobenzene	6.951	146	258685	38.952	ng		98
15) Benzyl Alcohol	6.934	79	169341	33.108	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	434450	43.174	ng		72
17) 2-Methylphenol	7.051	107	162506	30.636	ng	#	87
18) Hexachloroethane	7.287	117	90530	34.927	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	210402	45.781	ng		96
20) 3+4-Methylphenols	7.204	107	183812	27.737	ng	#	57
22) Acetophenone	7.193	105	422432	47.406	ng	#	89
24) Nitrobenzene	7.369	77	297384	42.729	ng		98
25) Isophorone	7.604	82	570126	45.098	ng		99
26) 2-Nitrophenol	7.681	139	152553	45.814	ng		94
27) 2,4-Dimethylphenol	7.722	122	202229	49.885	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	353376	45.986	ng		100
29) 2,4-Dichlorophenol	7.928	162	227120	43.518	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	232532	39.989	ng		99
31) Naphthalene	8.081	128	814298	41.692	ng		99
32) Benzoic acid	7.840	122	52236	13.317	ng		98
33) 4-Chloroaniline	8.134	127	103155	14.305	ng		98
34) Hexachlorobutadiene	8.193	225	132878	37.611	ng		97
35) Caprolactam	8.522	113	15028m	8.728	ng		
36) 4-Chloro-3-methylphenol	8.628	107	232244	39.528	ng		100
37) 2-Methylnaphthalene	8.775	142	524542	41.731	ng		99
38) 1-Methylnaphthalene	8.875	142	509879	41.346	ng		99
40) 1,2,4,5-Tetrachloroben...	8.940	216	257778	46.544	ng		99
41) Hexachlorocyclopentadiene	8.922	237	131310	74.704	ng		100
43) 2,4,6-Trichlorophenol	9.057	196	167118	47.050	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180785	45.675	ng	99
46) 1,1'-Biphenyl	9.245	154	707836	47.167	ng	99
47) 2-Chloronaphthalene	9.269	162	505640	44.321	ng	97
48) 2-Nitroaniline	9.369	65	165561	46.342	ng	98
49) Acenaphthylene	9.681	152	813317	46.641	ng	99
50) Dimethylphthalate	9.551	163	613557	46.971	ng	100
51) 2,6-Dinitrotoluene	9.616	165	134540	45.383	ng	94
52) Acenaphthene	9.857	154	481241	44.521	ng	100
53) 3-Nitroaniline	9.781	138	82272	26.198	ng	98
54) 2,4-Dinitrophenol	9.898	184	114338	70.076	ng	90
55) Dibenzofuran	10.028	168	723735	44.169	ng	99
56) 4-Nitrophenol	9.963	139	62664	29.559	ng	97
57) 2,4-Dinitrotoluene	10.022	165	167211	43.448	ng	94
58) Fluorene	10.375	166	578498	44.495	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	146314	48.021	ng	97
60) Diethylphthalate	10.251	149	615066	45.382	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	277915	43.977	ng	96
62) 4-Nitroaniline	10.410	138	118541	39.156	ng	91
63) Azobenzene	10.522	77	565620	44.682	ng	97
65) 4,6-Dinitro-2-methylph...	10.434	198	80494	43.821	ng	93
66) n-Nitrosodiphenylamine	10.486	169	515914	49.551	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	171184	48.092	ng	92
68) Hexachlorobenzene	10.922	284	187953	47.382	ng	96
69) Atrazine	11.022	200	156534	58.781	ng	97
70) Pentachlorophenol	11.122	266	179196	96.917	ng	97
71) Phenanthrene	11.339	178	782121	47.557	ng	100
72) Anthracene	11.392	178	782292	46.970	ng	98
73) Carbazole	11.551	167	694321	44.216	ng	99
74) Di-n-butylphthalate	11.880	149	932378	48.660	ng	99
75) Fluoranthene	12.539	202	735321	41.800	ng	99
77) Benzidine	12.657	184	150181	30.028	ng	99
78) Pyrene	12.763	202	737102	44.268	ng	99
80) Butylbenzylphthalate	13.380	149	315361	52.050	ng	96
81) Benzo(a)anthracene	13.957	228	562951	47.796	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	161677	48.335	ng	98
83) Chrysene	13.998	228	537451	46.662	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	440984	57.848	ng	97
85) Di-n-octyl phthalate	14.563	149	735226	62.350	ng	99
87) Indeno(1,2,3-cd)pyrene	16.963	276	640788	46.200	ng	99
88) Benzo(b)fluoranthene	15.016	252	560604	43.693	ng	100
89) Benzo(k)fluoranthene	15.045	252	509838	42.053	ng	99
90) Benzo(a)pyrene	15.386	252	491092	45.344	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	538740	47.346	ng	98
92) Benzo(g,h,i)perylene	17.415	276	512420	43.968	ng	99

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

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