Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136940.D
Acq On : 04 Jan 2024 14:43
Operator : CG\JU
Sample : 05897-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-36aMS

Quant Time: Jan 04 15:11:36 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	60541	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	226183	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	103932	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	178803	20.000	ng		0.00
76) Chrysene-d12	13.968	240	129139	20.000	ng		0.00
86) Perylene-d12	15.457	264	157732	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	405096	104.403	ng		0.01
7) Phenol-d6	6.440	99	494557	98.366	ng		0.00
23) Nitrobenzene-d5	7.351	82	312578	70.717	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	113282	92.548	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	558234	72.241	ng		-0.01
79) Terphenyl-d14	12.904	244	503023	54.434	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	63184	39.082	ng		99
3) Pyridine	3.381	79	150046	38.039	ng		92
4) n-Nitrosodimethylamine	3.346	42	83028	39.416	ng		96
6) Aniline	6.451	93	92294	18.361	ng	#	1
8) 2-Chlorophenol	6.575	128	177910	41.899	ng		98
9) Benzaldehyde	6.340	77	44486	15.556	ng		97
10) Phenol	6.451	94	205564	38.301	ng		98
11) bis(2-Chloroethyl)ether	6.522	93	168811	41.359	ng		99
12) 1,3-Dichlorobenzene	6.722	146	188845	40.769	ng		99
13) 1,4-Dichlorobenzene	6.804	146	192242	40.618	ng		96
14) 1,2-Dichlorobenzene	6.951	146	178650	40.564	ng		99
15) Benzyl Alcohol	6.934	79	137739	40.608	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	264275	39.603	ng		59
17) 2-Methylphenol	7.051	107	136000	38.662	ng	#	94
18) Hexachloroethane	7.287	117	68231	39.695	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	117184	38.449	ng		97
20) 3+4-Methylphenols	7.204	107	175969	40.042	ng	#	56
22) Acetophenone	7.192	105	246864	43.544	ng	#	88
24) Nitrobenzene	7.369	77	173139	39.103	ng		92
25) Isophorone	7.604	82	311381	38.715	ng		100
26) 2-Nitrophenol	7.681	139	90288	42.620	ng		96
27) 2,4-Dimethylphenol	7.728	122	123512	47.890	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	200963	41.106	ng		99
29) 2,4-Dichlorophenol	7.928	162	134849	40.612	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	153274	41.431	ng		98
31) Naphthalene	8.081	128	503068	40.485	ng		99
32) Benzoic acid	7.863	122	96798	38.790	ng		94
33) 4-Chloroaniline	8.139	127	26935	5.871	ng		98
34) Hexachlorobutadiene	8.192	225	91638	40.770	ng		98
35) Caprolactam	8.510	113	39293	35.872	ng		97
36) 4-Chloro-3-methylphenol	8.634	107	133519	35.719	ng		98
37) 2-Methylnaphthalene	8.775	142	307811	38.491	ng		100
38) 1-Methylnaphthalene	8.875	142	294080	37.483	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	153146	47.580	ng		99
41) Hexachlorocyclopentadiene	8.922	237	104516	100.503	ng		100
43) 2,4,6-Trichlorophenol	9.063	196	88564	42.904	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	89212	38.783	ng		98
46) 1,1'-Biphenyl	9.239	154	394891	45.278	ng		99
47) 2-Chloronaphthalene	9.263	162	282814	42.655	ng		99
48) 2-Nitroaniline	9.369	65	80172	38.614	ng		92
49) Acenaphthylene	9.681	152	459758	45.367	ng		99
50) Dimethylphthalate	9.545	163	304843	40.156	ng		100
51) 2,6-Dinitrotoluene	9.610	165	66119	38.377	ng		88
52) Acenaphthene	9.851	154	260381	41.449	ng		99
53) 3-Nitroaniline	9.781	138	39490	21.637	ng		91
54) 2,4-Dinitrophenol	9.898	184	59416	63.055	ng		96
55) Dibenzofuran	10.028	168	394216	41.398	ng		97
56) 4-Nitrophenol	9.969	139	74349	60.346	ng		96
57) 2,4-Dinitrotoluene	10.022	165	81966	36.647	ng		96
58) Fluorene	10.369	166	312296	41.332	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	70532	39.833	ng		95
60) Diethylphthalate	10.245	149	302551	38.411	ng		97
61) 4-Chlorophenyl-phenyle...	10.363	204	147119	40.058	ng		95
62) 4-Nitroaniline	10.398	138	56666	32.207	ng		94
63) Azobenzene	10.522	77	280612	38.143	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	39593	38.638	ng		99
66) n-Nitrosodiphenylamine	10.486	169	257755	44.377	ng		98
67) 4-Bromophenyl-phenylether	10.851	248	85825	43.221	ng		100
68) Hexachlorobenzene	10.922	284	94752	42.818	ng		94
69) Atrazine	11.016	200	76757	51.667	ng		98
70) Pentachlorophenol	11.122	266	70271	68.127	ng		100
71) Phenanthrene	11.339	178	402882	43.913	ng		99
72) Anthracene	11.386	178	394154	42.422	ng		99
73) Carbazole	11.551	167	359341	41.021	ng		99
74) Di-n-butylphthalate	11.874	149	481015	44.999	ng		100
75) Fluoranthene	12.533	202	413916	42.178	ng		98
77) Benzidine	12.657	184	71955	18.897	ng		99
78) Pyrene	12.763	202	422119	33.298	ng		99
80) Butylbenzylphthalate	13.386	149	199022	43.145	ng		99
81) Benzo(a)anthracene	13.963	228	387781	43.244	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	76805	30.159	ng	#	99
83) Chrysene	13.998	228	364976	41.621	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	311401	53.655	ng		99
85) Di-n-octyl phthalate	14.563	149	569917	63.482	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	516472	45.350	ng		99
88) Benzo(b)fluoranthene	15.021	252	398960	37.870	ng		98
89) Benzo(k)fluoranthene	15.051	252	384292	38.604	ng		99
90) Benzo(a)pyrene	15.392	252	364474	40.986	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	430690	46.097	ng		98
92) Benzo(g,h,i)perylene	17.439	276	415230	43.392	ng		99

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

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