Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138523.D
Acq On : 11 Jul 2024 15:11
Operator : CG\JU
Sample : P3183-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 11 15:38:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	86557	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	342308	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	186000	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	285205	20.000	ng	0.00
76) Chrysene-d12	14.021	240	159563	20.000	ng	0.00
86) Perylene-d12	15.486	264	178560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	776933	142.157	ng	0.02
7) Phenol-d6	6.510	99	1012607	139.277	ng	0.00
23) Nitrobenzene-d5	7.433	82	680417	97.593	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	240134	138.139	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1182923	99.398	ng	0.00
79) Terphenyl-d14	12.968	244	983994	100.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	109337	45.171	ng	# 80
3) Pyridine	3.575	79	191364	32.058	ng	98
4) n-Nitrosodimethylamine	3.516	42	209738	53.975	ng	92
6) Aniline	6.534	93	170253	25.001	ng	91
8) 2-Chlorophenol	6.657	128	329393	56.998	ng	100
9) Benzaldehyde	6.422	77	19980	5.134	ng	97
10) Phenol	6.522	94	404880	52.465	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	317229	54.598	ng	97
12) 1,3-Dichlorobenzene	6.810	146	325036	50.037	ng	98
13) 1,4-Dichlorobenzene	6.886	146	332391	50.390	ng	99
14) 1,2-Dichlorobenzene	7.034	146	315355	51.330	ng	98
15) Benzyl Alcohol	7.010	79	313323	57.424	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	597666	52.307	ng	95
17) 2-Methylphenol	7.128	107	261294	55.169	ng	94
18) Hexachloroethane	7.375	117	123796	51.050	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	243878	54.286	ng	97
20) 3+4-Methylphenols	7.275	107	318808	53.454	ng	91
22) Acetophenone	7.275	105	410153	49.335	ng	96
24) Nitrobenzene	7.451	77	373102	52.660	ng	96
25) Isophorone	7.686	82	672020	56.128	ng	100
26) 2-Nitrophenol	7.763	139	174755	57.548	ng	94
27) 2,4-Dimethylphenol	7.804	122	230408	61.735	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	397199	55.509	ng	98
29) 2,4-Dichlorophenol	8.010	162	276679	57.087	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	291829	51.687	ng	99
31) Naphthalene	8.169	128	933142	52.416	ng	99
32) Benzoic acid	7.933	122	176946	49.708	ng	95
33) 4-Chloroaniline	8.216	127	99359	15.906	ng	93
34) Hexachlorobutadiene	8.281	225	174943	50.318	ng	99
35) Caprolactam	8.592	113	68251m	43.640	ng	
36) 4-Chloro-3-methylphenol	8.710	107	299866	55.265	ng	98
37) 2-Methylnaphthalene	8.857	142	613665	53.564	ng	100
38) 1-Methylnaphthalene	8.957	142	566943	50.706	ng	97
40) 1,2,4,5-Tetrachloroben...	9.022	216	266713	51.450	ng	99
41) Hexachlorocyclopentadiene	9.010	237	264190	157.012	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	189112	57.190	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	202907	55.790	ng		93
46) 1,1'-Biphenyl	9.322	154	732923	51.995	ng		99
47) 2-Chloronaphthalene	9.351	162	584595	54.897	ng		98
48) 2-Nitroaniline	9.445	65	202684	54.926	ng		92
49) Acenaphthylene	9.763	152	896374	59.288	ng		99
50) Dimethylphthalate	9.627	163	698946	58.114	ng		99
51) 2,6-Dinitrotoluene	9.692	165	151351	54.655	ng		94
52) Acenaphthene	9.933	154	543583	54.089	ng		98
53) 3-Nitroaniline	9.857	138	62723	22.099	ng		96
54) 2,4-Dinitrophenol	9.969	184	148202	98.568	ng	#	88
55) Dibenzofuran	10.110	168	804112	55.163	ng		99
56) 4-Nitrophenol	10.027	139	192743	92.035	ng		99
57) 2,4-Dinitrotoluene	10.092	165	192772	53.802	ng		100
58) Fluorene	10.451	166	612845	53.134	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	162483	56.607	ng		99
60) Diethylphthalate	10.327	149	654242	56.426	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	309221	53.390	ng		93
62) 4-Nitroaniline	10.474	138	124391	43.736	ng		97
63) Azobenzene	10.604	77	685952	55.027	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	104701	63.578	ng	#	75
66) n-Nitrosodiphenylamine	10.563	169	522922	61.197	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	181990	62.083	ng		93
68) Hexachlorobenzene	10.998	284	196444	60.323	ng	#	91
69) Atrazine	11.086	200	140875	49.726	ng		97
70) Pentachlorophenol	11.192	266	211916	109.973	ng		97
71) Phenanthrene	11.410	178	837068	58.094	ng		99
72) Anthracene	11.463	178	845578	59.119	ng		99
73) Carbazole	11.621	167	668336	51.996	ng		99
74) Di-n-butylphthalate	11.945	149	942550	63.616	ng		100
75) Fluoranthene	12.598	202	744402	50.630	ng		99
77) Benzidine	12.716	184	26844	6.668	ng		97
78) Pyrene	12.827	202	731867	45.183	ng		99
80) Butylbenzylphthalate	13.439	149	316765	65.009	ng		97
81) Benzo(a)anthracene	14.010	228	605792	56.581	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	101298	36.718	ng		98
83) Chrysene	14.051	228	586813	57.936	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	459076	88.340	ng	#	99
85) Di-n-octyl phthalate	14.610	149	752567	91.670	ng		100
87) Indeno(1,2,3-cd)pyrene	16.956	276	480905	40.096	ng		99
88) Benzo(b)fluoranthene	15.062	252	610156	60.676	ng		99
89) Benzo(k)fluoranthene	15.092	252	578767	59.013	ng		99
90) Benzo(a)pyrene	15.427	252	532208	60.247	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	391587	39.913	ng		99
92) Benzo(g,h,i)perylene	17.398	276	345172	33.178	ng		99

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

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