Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139144.D
Acq On : 23 Aug 2024 13:44
Operator : RC/JU
Sample : P3669-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 23 14:16:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
20430MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	87523	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	318186	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	180671	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	283007	20.000	ng		0.00
76) Chrysene-d12	14.063	240	149222	20.000	ng		0.00
86) Perylene-d12	15.539	264	188099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	729522	128.239	ng		0.02
7) Phenol-d6	6.528	99	936700	127.431	ng		0.00
23) Nitrobenzene-d5	7.463	82	678923	124.332	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	264013	161.418	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1152384	101.200	ng		0.00
79) Terphenyl-d14	13.010	244	923875	102.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	94684	38.805	ng	#	82
3) Pyridine	3.569	79	227223	36.647	ng		99
4) n-Nitrosodimethylamine	3.510	42	160949	42.970	ng		99
6) Aniline	6.563	93	170200	25.649	ng		97
8) 2-Chlorophenol	6.687	128	269585	49.269	ng		96
9) Benzaldehyde	6.451	77	87877	20.384	ng		99
10) Phenol	6.546	94	339007	44.324	ng		98
11) bis(2-Chloroethyl)ether	6.640	93	280683	45.634	ng		98
12) 1,3-Dichlorobenzene	6.840	146	294003	44.690	ng		100
13) 1,4-Dichlorobenzene	6.916	146	296818	45.125	ng		99
14) 1,2-Dichlorobenzene	7.069	146	283274	47.122	ng		99
15) Benzyl Alcohol	7.040	79	289399	49.814	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	417339	48.168	ng		97
17) 2-Methylphenol	7.151	107	231937	49.548	ng		98
18) Hexachloroethane	7.410	117	108632	47.097	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	228234	47.281	ng		99
20) 3+4-Methylphenols	7.304	107	297608	49.070	ng	#	82
22) Acetophenone	7.310	105	403689	49.689	ng		96
24) Nitrobenzene	7.481	77	339364	55.912	ng		98
25) Isophorone	7.722	82	605682	52.186	ng		99
26) 2-Nitrophenol	7.798	139	137650	63.050	ng		95
27) 2,4-Dimethylphenol	7.834	122	226447	61.528	ng		100
28) bis(2-Chloroethoxy)met...	7.928	93	342747	50.541	ng		99
29) 2,4-Dichlorophenol	8.034	162	240548	52.463	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	253566	47.229	ng		100
31) Naphthalene	8.204	128	798747	49.538	ng		100
32) Benzoic acid	7.940	122	144116	47.192	ng		97
33) 4-Chloroaniline	8.245	127	47106	8.530	ng		99
34) Hexachlorobutadiene	8.316	225	169238	48.255	ng		99
35) Caprolactam	8.616	113	54509m	37.497	ng		
36) 4-Chloro-3-methylphenol	8.728	107	263849	51.972	ng		99
37) 2-Methylnaphthalene	8.892	142	526752	50.932	ng		100
38) 1-Methylnaphthalene	8.992	142	490289	49.119	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	263593	53.974	ng		98
41) Hexachlorocyclopentadiene	9.045	237	353824	186.121	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	180050	53.940	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184046	53.716	ng		99
46) 1,1'-Biphenyl	9.357	154	649988	52.519	ng		100
47) 2-Chloronaphthalene	9.381	162	508312	50.547	ng		100
48) 2-Nitroaniline	9.475	65	173304	58.700	ng		99
49) Acenaphthylene	9.798	152	791339	54.933	ng		100
50) Dimethylphthalate	9.663	163	598108	53.623	ng		100
51) 2,6-Dinitrotoluene	9.722	165	126539	55.754	ng		93
52) Acenaphthene	9.975	154	563326	59.199	ng		97
53) 3-Nitroaniline	9.886	138	71340	32.948	ng	#	97
54) 2,4-Dinitrophenol	9.992	184	124941	106.623	ng	#	53
55) Dibenzofuran	10.145	168	715115	51.739	ng		100
56) 4-Nitrophenol	10.045	139	156378	92.751	ng		100
57) 2,4-Dinitrotoluene	10.122	165	164500	57.419	ng		96
58) Fluorene	10.486	166	551760	49.952	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	152743	55.522	ng		99
60) Diethylphthalate	10.363	149	562552	50.902	ng		100
61) 4-Chlorophenyl-phenyle...	10.481	204	284119	51.502	ng		98
62) 4-Nitroaniline	10.504	138	101527	44.629	ng		98
63) Azobenzene	10.639	77	624937	50.884	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	79717	68.401	ng		93
66) n-Nitrosodiphenylamine	10.598	169	467443	55.821	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	171196	57.087	ng		98
68) Hexachlorobenzene	11.028	284	176876	54.977	ng		98
69) Atrazine	11.122	200	138087	53.994	ng		98
70) Pentachlorophenol	11.222	266	209850	102.111	ng		99
71) Phenanthrene	11.451	178	744697	51.770	ng		100
72) Anthracene	11.498	178	757032	53.813	ng		100
73) Carbazole	11.651	167	570790	43.451	ng		100
74) Di-n-butylphthalate	11.986	149	718734	47.186	ng		100
75) Fluoranthene	12.633	202	618537	40.287	ng		100
77) Benzidine	12.757	184	96267	31.231	ng		99
78) Pyrene	12.863	202	614015	49.307	ng		100
80) Butylbenzylphthalate	13.486	149	215207	49.953	ng		99
81) Benzo(a)anthracene	14.051	228	515662	52.569	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	129100	47.084	ng		99
83) Chrysene	14.086	228	482354	54.251	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	288008	50.427	ng		100
85) Di-n-octyl phthalate	14.663	149	532220	66.394	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	618616	56.194	ng		99
88) Benzo(b)fluoranthene	15.110	252	568555	46.364	ng		99
89) Benzo(k)fluoranthene	15.139	252	540841	52.954	ng		99
90) Benzo(a)pyrene	15.480	252	539776	55.706	ng		100
91) Dibenzo(a,h)anthracene	17.057	278	499098	55.230	ng		100
92) Benzo(g,h,i)perylene	17.480	276	453411	44.154	ng		99

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

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