Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137211.D
Acq On : 31 Jan 2024 15:33
Operator : CG\JU
Sample : P1297-01MS 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 01 01:17:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	41865	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	146622	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	81842	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	163408	20.000	ng		0.00
76) Chrysene-d12	13.974	240	140810	20.000	ng		0.00
86) Perylene-d12	15.457	264	105526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	63323	24.958	ng		0.00
7) Phenol-d6	6.416	99	82677	22.834	ng		-0.01
23) Nitrobenzene-d5	7.351	82	53391	16.303	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	24324	26.317	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	103175	17.330	ng		0.00
79) Terphenyl-d14	12.916	244	149291	14.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	11719	8.632	ng		90
3) Pyridine	3.299	79	19629	9.726	ng		97
4) n-Nitrosodimethylamine	3.246	42	7493	10.792	ng	#	90
6) Aniline	6.463	93	13301	3.432	ng	#	87
8) 2-Chlorophenol	6.575	128	28000	9.870	ng		96
9) Benzaldehyde	6.346	77	9953	7.218	ng		97
10) Phenol	6.434	94	35842	8.868	ng		95
11) bis(2-Chloroethyl)ether	6.528	93	26143	9.679	ng		99
12) 1,3-Dichlorobenzene	6.734	146	32719	9.837	ng		95
13) 1,4-Dichlorobenzene	6.810	146	33868	9.846	ng		96
14) 1,2-Dichlorobenzene	6.957	146	32056	9.967	ng		92
15) Benzyl Alcohol	6.928	79	24922	9.688	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	47123	9.685	ng		98
17) 2-Methylphenol	7.040	107	22762	9.604	ng		97
18) Hexachloroethane	7.304	117	13234	10.667	ng		96
19) n-Nitroso-di-n-propyla...	7.193	70	26196	10.552	ng		99
20) 3+4-Methylphenols	7.193	107	26984	8.994	ng	#	85
22) Acetophenone	7.198	105	44806	11.351	ng	#	96
24) Nitrobenzene	7.369	77	31595	9.940	ng		95
25) Isophorone	7.604	82	64830	10.725	ng		97
26) 2-Nitrophenol	7.687	139	11391	11.234	ng	#	86
27) 2,4-Dimethylphenol	7.722	122	17964	10.397	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	34714	10.814	ng		99
29) 2,4-Dichlorophenol	7.928	162	21159	9.872	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	28111	10.559	ng		95
31) Naphthalene	8.092	128	87194	11.000	ng		98
32) Benzoic acid	7.792	122	7395	13.456	ng	#	70
33) 4-Chloroaniline	8.145	127	10508	3.854	ng	#	95
34) Hexachlorobutadiene	8.210	225	19957	11.273	ng		95
35) Caprolactam	8.475	113	7826m	11.742	ng		
36) 4-Chloro-3-methylphenol	8.616	107	25148	9.934	ng		98
37) 2-Methylnaphthalene	8.781	142	58683	11.043	ng		98
38) 1-Methylnaphthalene	8.881	142	52922	10.722	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	29784	10.876	ng		99
41) Hexachlorocyclopentadiene	8.934	237	8669	6.646	ng		92
43) 2,4,6-Trichlorophenol	9.057	196	16913	10.889	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	17260	10.166	ng		97
46) 1,1'-Biphenyl	9.245	154	71881	11.039	ng		99
47) 2-Chloronaphthalene	9.269	162	49319	10.234	ng		98
48) 2-Nitroaniline	9.369	65	15730	10.085	ng		92
49) Acenaphthylene	9.686	152	83054	10.766	ng		98
50) Dimethylphthalate	9.545	163	61941	11.203	ng		99
51) 2,6-Dinitrotoluene	9.610	165	13108	11.118	ng		94
52) Acenaphthene	9.857	154	55583	12.259	ng		96
53) 3-Nitroaniline	9.781	138	9527	8.979	ng		94
54) 2,4-Dinitrophenol	9.892	184	1618	14.187	ng	#	82
55) Dibenzofuran	10.034	168	79179	10.976	ng		98
56) 4-Nitrophenol	9.939	139	13820	20.952	ng	#	83
57) 2,4-Dinitrotoluene	10.010	165	14834	9.697	ng	#	99
58) Fluorene	10.375	166	67091	11.864	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	17554	11.112	ng	#	83
60) Diethylphthalate	10.251	149	65348	12.003	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	30780	10.950	ng		95
62) 4-Nitroaniline	10.392	138	9522m	9.376	ng		
63) Azobenzene	10.533	77	62406	10.350	ng		93
65) 4,6-Dinitro-2-methylph...	10.422	198	2036	7.540	ng	#	81
66) n-Nitrosodiphenylamine	10.486	169	53785	10.825	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	19513	10.860	ng	#	90
68) Hexachlorobenzene	10.922	284	20489	10.209	ng	#	92
69) Atrazine	11.022	200	20248	12.345	ng		97
70) Pentachlorophenol	11.116	266	25817	22.440	ng		97
71) Phenanthrene	11.339	178	142358	16.641	ng		99
72) Anthracene	11.392	178	115615	12.966	ng		99
73) Carbazole	11.551	167	92931	12.471	ng		99
74) Di-n-butylphthalate	11.892	149	106082	13.170	ng		99
75) Fluoranthene	12.539	202	243527	27.205	ng		99
77) Benzidine	12.675	184	38434	15.243	ng		98
78) Pyrene	12.769	202	243993	18.031	ng		99
80) Butylbenzylphthalate	13.398	149	46568	13.453	ng		93
81) Benzo(a)anthracene	13.963	228	197576	19.813	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	17970	6.614	ng	#	93
83) Chrysene	13.998	228	182740	18.639	ng		96
84) Bis(2-ethylhexyl)phtha...	13.969	149	70840	17.590	ng		99
85) Di-n-octyl phthalate	14.586	149	114675	17.908	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	92430	12.467	ng		99
88) Benzo(b)fluoranthene	15.021	252	143921	22.177	ng		98
89) Benzo(k)fluoranthene	15.051	252	112695	16.415	ng		99
90) Benzo(a)pyrene	15.392	252	111304	18.225	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	57681	9.710	ng		97
92) Benzo(g,h,i)perylene	17.404	276	74590	12.793	ng		99

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

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