Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137098.D
Acq On : 17 Jan 2024 17:37
Operator : CG\JU
Sample : P1139-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-314-0-2MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

Quant Time: Jan 18 01:15:38 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	6.787	152	60264	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	229383	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	114136	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	190353	20.000	ng		0.00
76) Chrysene-d12	13.974	240	118179	20.000	ng		0.00
86) Perylene-d12	15.463	264	113023	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	450783	116.711	ng		0.02
7) Phenol-d6	6.446	99	533017	106.503	ng		0.00
23) Nitrobenzene-d5	7.351	82	374498	83.544	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	155509	115.688	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	772579	91.041	ng		-0.01
79) Terphenyl-d14	12.910	244	635675	75.169	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	58636	36.436	ng	#	80
3) Pyridine	3.481	79	108256	27.571	ng		95
4) n-Nitrosodimethylamine	3.416	42	81766	38.995	ng		97
6) Aniline	6.457	93	42253	8.444	ng	#	1
8) 2-Chlorophenol	6.581	128	178673	42.272	ng		95
9) Benzaldehyde	6.346	77	21255	7.467	ng		95
10) Phenol	6.457	94	193197	36.162	ng		86
11) bis(2-Chloroethyl)ether	6.528	93	168513	41.476	ng		98
12) 1,3-Dichlorobenzene	6.728	146	180955	39.245	ng		96
13) 1,4-Dichlorobenzene	6.804	146	187115	39.716	ng		97
14) 1,2-Dichlorobenzene	6.951	146	178132	40.633	ng		99
15) Benzyl Alcohol	6.940	79	149085	44.155	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	265718	40.002	ng		66
17) 2-Methylphenol	7.057	107	141804	40.498	ng	#	93
18) Hexachloroethane	7.287	117	63860	37.323	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	128717	42.427	ng		94
20) 3+4-Methylphenols	7.210	107	182863	41.802	ng	#	54
22) Acetophenone	7.198	105	263998	45.917	ng	#	86
24) Nitrobenzene	7.369	77	186212	41.468	ng		99
25) Isophorone	7.610	82	346556	42.487	ng		99
26) 2-Nitrophenol	7.687	139	95449	44.427	ng		96
27) 2,4-Dimethylphenol	7.728	122	142183	54.360	ng		95
28) bis(2-Chloroethoxy)met...	7.816	93	218669	44.104	ng		100
29) 2,4-Dichlorophenol	7.934	162	150699	44.753	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	158559	42.261	ng		98
31) Naphthalene	8.087	128	528595	41.946	ng		100
32) Benzoic acid	7.881	122	101623	40.155	ng		98
33) 4-Chloroaniline	8.140	127	20178m	4.337	ng		
34) Hexachlorobutadiene	8.192	225	92090	40.399	ng		99
35) Caprolactam	8.528	113	44065m	39.667	ng		
36) 4-Chloro-3-methylphenol	8.640	107	159691	42.125	ng		99
37) 2-Methylnaphthalene	8.775	142	338506	41.739	ng		100
38) 1-Methylnaphthalene	8.875	142	326057	40.979	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	165335	46.774	ng		98
41) Hexachlorocyclopentadiene	8.922	237	36044	34.921	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	104273	45.998	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	110442	43.720	ng		99
46) 1,1'-Biphenyl	9.245	154	450914	47.079	ng		99
47) 2-Chloronaphthalene	9.269	162	320730	44.049	ng		99
48) 2-Nitroaniline	9.375	65	97472	42.749	ng		95
49) Acenaphthylene	9.687	152	527370	47.386	ng		100
50) Dimethylphthalate	9.545	163	384553	46.127	ng		99
51) 2,6-Dinitrotoluene	9.616	165	82205	43.448	ng		88
52) Acenaphthene	9.857	154	299874	43.468	ng		97
53) 3-Nitroaniline	9.787	138	26564	13.254	ng		86
54) 2,4-Dinitrophenol	9.910	184	37597	37.915	ng		97
55) Dibenzofuran	10.028	168	454657	43.476	ng		99
56) 4-Nitrophenol	9.975	139	83965	62.058	ng		88
57) 2,4-Dinitrotoluene	10.028	165	98981	40.298	ng	#	90
58) Fluorene	10.375	166	365627	44.064	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	87606	45.052	ng		94
60) Diethylphthalate	10.245	149	388605	44.926	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	179828	44.587	ng		97
62) 4-Nitroaniline	10.410	138	62406	32.299	ng		88
63) Azobenzene	10.528	77	335767	41.560	ng		96
65) 4,6-Dinitro-2-methylph...	10.439	198	27917	25.591	ng		97
66) n-Nitrosodiphenylamine	10.486	169	319361	51.647	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	102692	48.577	ng		96
68) Hexachlorobenzene	10.928	284	108368	45.999	ng		95
69) Atrazine	11.022	200	99512	62.920	ng		98
70) Pentachlorophenol	11.128	266	85002	77.408	ng		99
71) Phenanthrene	11.339	178	451427	46.219	ng		99
72) Anthracene	11.392	178	455047	46.004	ng		99
73) Carbazole	11.557	167	408848	43.840	ng		99
74) Di-n-butylphthalate	11.880	149	557827	49.019	ng		99
75) Fluoranthene	12.539	202	418166	40.026	ng		99
77) Benzidine	12.663	184	88326	25.348	ng		99
78) Pyrene	12.769	202	416852	35.932	ng		100
80) Butylbenzylphthalate	13.386	149	185693	43.989	ng		96
81) Benzo(a)anthracene	13.969	228	373464	45.510	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	72647	31.172	ng		99
83) Chrysene	14.004	228	346188	43.140	ng		97
84) Bis(2-ethylhexyl)phtha...	13.945	149	266812	50.235	ng		97
85) Di-n-octyl phthalate	14.563	149	453761	55.231	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	266218	32.623	ng		100
88) Benzo(b)fluoranthene	15.027	252	354554	46.968	ng		99
89) Benzo(k)fluoranthene	15.057	252	309049	43.327	ng		99
90) Benzo(a)pyrene	15.404	252	276223	43.349	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	229594	34.294	ng		96
92) Benzo(g,h,i)perylene	17.457	276	199593	29.108	ng		98

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

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