Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137071.D
Acq On : 15 Jan 2024 19:06
Operator : CG\JU
Sample : P1140-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

Quant Time: Jan 16 02:02:44 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	46052	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	160331	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	74091	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	142544	20.000	ng		0.00
76) Chrysene-d12	13.974	240	135428	20.000	ng		0.00
86) Perylene-d12	15.463	264	131630	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	237425	80.442	ng		0.00
7) Phenol-d6	6.434	99	283218	74.055	ng		0.00
23) Nitrobenzene-d5	7.345	82	171181	54.634	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	74873	85.806	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	329643	59.841	ng		-0.01
79) Terphenyl-d14	12.904	244	410858	42.396	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	51255	41.678	ng		94
3) Pyridine	3.363	79	114843	38.274	ng		93
4) n-Nitrosodimethylamine	3.328	42	61629	38.462	ng		97
6) Aniline	6.451	93	82360	21.539	ng	#	1
8) 2-Chlorophenol	6.581	128	124598	38.576	ng		90
9) Benzaldehyde	6.345	77	17097	7.859	ng		97
10) Phenol	6.451	94	149023	36.502	ng		99
11) bis(2-Chloroethyl)ether	6.522	93	117074	37.708	ng		96
12) 1,3-Dichlorobenzene	6.728	146	136730	38.805	ng		96
13) 1,4-Dichlorobenzene	6.804	146	138178	38.380	ng		95
14) 1,2-Dichlorobenzene	6.951	146	130395	38.923	ng		97
15) Benzyl Alcohol	6.934	79	98244	38.077	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	183350	36.120	ng		93
17) 2-Methylphenol	7.051	107	95246	35.596	ng		94
18) Hexachloroethane	7.287	117	48744	37.280	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	84353	36.385	ng		94
20) 3+4-Methylphenols	7.204	107	120502	36.047	ng	#	57
22) Acetophenone	7.192	105	172636	42.958	ng	#	87
24) Nitrobenzene	7.369	77	121015	38.556	ng		91
25) Isophorone	7.604	82	218813	38.380	ng		99
26) 2-Nitrophenol	7.681	139	60738	40.447	ng		97
27) 2,4-Dimethylphenol	7.722	122	90517	49.511	ng		94
28) bis(2-Chloroethoxy)met...	7.810	93	137142	39.573	ng		99
29) 2,4-Dichlorophenol	7.928	162	92749	39.406	ng		95
30) 1,2,4-Trichlorobenzene	8.004	180	105193	40.113	ng		99
31) Naphthalene	8.081	128	350206	39.759	ng		99
32) Benzoic acid	7.857	122	58386	33.007	ng		98
33) 4-Chloroaniline	8.139	127	31738	9.759	ng		97
34) Hexachlorobutadiene	8.192	225	62775	39.400	ng		98
35) Caprolactam	8.504	113	29405m	37.871	ng		
36) 4-Chloro-3-methylphenol	8.634	107	95485	36.036	ng		99
37) 2-Methylnaphthalene	8.775	142	212106	37.417	ng		99
38) 1-Methylnaphthalene	8.875	142	202793	36.464	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	105747	46.086	ng		99
41) Hexachlorocyclopentadiene	8.922	237	25342	37.416	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	61123	41.537	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	64971	39.621	ng	96
46) 1,1'-Biphenyl	9.239	154	276997	44.552	ng	99
47) 2-Chloronaphthalene	9.263	162	196798	41.637	ng	100
48) 2-Nitroaniline	9.369	65	56990	38.504	ng	92
49) Acenaphthylene	9.681	152	325835	45.102	ng	99
50) Dimethylphthalate	9.539	163	225633	41.693	ng	99
51) 2,6-Dinitrotoluene	9.610	165	49381	40.206	ng	93
52) Acenaphthene	9.851	154	182752	40.808	ng	97
53) 3-Nitroaniline	9.781	138	30228	23.233	ng	98
54) 2,4-Dinitrophenol	9.904	184	24303	37.771	ng	94
55) Dibenzofuran	10.028	168	279576	41.184	ng	98
56) 4-Nitrophenol	9.969	139	51677	58.838	ng	96
57) 2,4-Dinitrotoluene	10.022	165	61406	38.512	ng	95
58) Fluorene	10.369	166	225603	41.884	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	52343	41.466	ng	94
60) Diethylphthalate	10.245	149	229063	40.794	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	109475	41.814	ng	94
62) 4-Nitroaniline	10.398	138	42827	34.146	ng	89
63) Azobenzene	10.522	77	208372	39.732	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	21516	26.338	ng	93
66) n-Nitrosodiphenylamine	10.480	169	195151	42.145	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	63938	40.389	ng	100
68) Hexachlorobenzene	10.922	284	71366	40.453	ng	100
69) Atrazine	11.016	200	61823	52.200	ng	97
70) Pentachlorophenol	11.128	266	55583	67.594	ng	97
71) Phenanthrene	11.339	178	318220	43.508	ng	99
72) Anthracene	11.392	178	327438	44.206	ng	99
73) Carbazole	11.551	167	305122	43.691	ng	99
74) Di-n-butylphthalate	11.875	149	403116	47.305	ng	99
75) Fluoranthene	12.533	202	385617	49.290	ng	96
77) Benzidine	12.663	184	171651	42.986	ng	99
78) Pyrene	12.763	202	409603	30.810	ng	100
80) Butylbenzylphthalate	13.386	149	188135	38.891	ng	96
81) Benzo(a)anthracene	13.963	228	398974	42.426	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	103752	38.849	ng	97
83) Chrysene	14.004	228	371538	40.402	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	289711	47.599	ng	96
85) Di-n-octyl phthalate	14.563	149	523645	55.619	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	295854	31.130	ng	99
88) Benzo(b)fluoranthene	15.027	252	373068	42.434	ng	99
89) Benzo(k)fluoranthene	15.057	252	348658	41.970	ng	99
90) Benzo(a)pyrene	15.398	252	304627	41.049	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	249097	31.948	ng	99
92) Benzo(g,h,i)perylene	17.451	276	220313	27.588	ng	99

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

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