Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139153.D
Acq On : 23 Aug 2024 18:14
Operator : RC/JU
Sample : P3707-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MSD

Manual Integrations APPROVED

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

Quant Time: Aug 23 23:20:52 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	82339	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	302699	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	166761	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	260194	20.000	ng		0.00
76) Chrysene-d12	14.057	240	153223	20.000	ng		0.00
86) Perylene-d12	15.533	264	183067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	436897	81.635	ng		0.00
7) Phenol-d6	6.522	99	597214	86.362	ng		0.00
23) Nitrobenzene-d5	7.457	82	424349	81.688	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	127081	84.178	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	531578	50.576	ng		0.00
79) Terphenyl-d14	13.004	244	326251	35.331	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	100638	43.842	ng		99
3) Pyridine	3.504	79	269649	46.227	ng		100
4) n-Nitrosodimethylamine	3.452	42	163484	46.395	ng		99
6) Aniline	6.557	93	286608	45.910	ng		99
8) 2-Chlorophenol	6.681	128	263551	51.199	ng		97
9) Benzaldehyde	6.445	77	134358	33.128	ng		99
10) Phenol	6.540	94	364226	50.620	ng		100
11) bis(2-Chloroethyl)ether	6.634	93	263550	45.546	ng		97
12) 1,3-Dichlorobenzene	6.840	146	293964	47.497	ng		99
13) 1,4-Dichlorobenzene	6.916	146	298529	48.243	ng		98
14) 1,2-Dichlorobenzene	7.069	146	284268	50.264	ng		99
15) Benzyl Alcohol	7.040	79	281545	51.513	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	400358	49.117	ng		98
17) 2-Methylphenol	7.145	107	220030	49.964	ng		98
18) Hexachloroethane	7.410	117	106391	49.030	ng		97
19) n-Nitroso-di-n-propyla...	7.310	70	220701	48.599	ng		98
20) 3+4-Methylphenols	7.298	107	283602	49.705	ng		93
22) Acetophenone	7.304	105	386429	49.998	ng	#	93
24) Nitrobenzene	7.481	77	324189	56.145	ng		98
25) Isophorone	7.716	82	569959	51.620	ng		99
26) 2-Nitrophenol	7.792	139	132397	63.685	ng		98
27) 2,4-Dimethylphenol	7.828	122	214138	61.160	ng		100
28) bis(2-Chloroethoxy)met...	7.928	93	324238	50.258	ng		100
29) 2,4-Dichlorophenol	8.034	162	223686	51.281	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	242931	47.563	ng		100
31) Naphthalene	8.204	128	768285	50.086	ng		100
32) Benzoic acid	7.934	122	145800	49.656	ng		99
33) 4-Chloroaniline	8.245	127	91485	17.415	ng		99
34) Hexachlorobutadiene	8.316	225	164330	49.253	ng		99
35) Caprolactam	8.616	113	66915m	48.387	ng		
36) 4-Chloro-3-methylphenol	8.728	107	247417	51.228	ng		100
37) 2-Methylnaphthalene	8.892	142	496920	50.506	ng		100
38) 1-Methylnaphthalene	8.992	142	460724	48.519	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	249962	55.536	ng		98
41) Hexachlorocyclopentadiene	9.045	237	338385	192.847	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	167440	54.347	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	169486	53.593	ng		99
46) 1,1'-Biphenyl	9.357	154	617969	54.096	ng		99
47) 2-Chloronaphthalene	9.381	162	477801	51.476	ng		99
48) 2-Nitroaniline	9.475	65	159711	58.617	ng		97
49) Acenaphthylene	9.798	152	742311	55.828	ng		100
50) Dimethylphthalate	9.657	163	565118	54.891	ng		100
51) 2,6-Dinitrotoluene	9.716	165	121372	57.761	ng		96
52) Acenaphthene	9.969	154	522918	59.537	ng		99
53) 3-Nitroaniline	9.886	138	69031	34.339	ng	#	96
54) 2,4-Dinitrophenol	9.992	184	116680	107.382	ng	#	48
55) Dibenzofuran	10.139	168	671119	52.606	ng		100
56) 4-Nitrophenol	10.039	139	158883	102.098	ng		99
57) 2,4-Dinitrotoluene	10.122	165	156500	59.013	ng		94
58) Fluorene	10.486	166	517843	50.792	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	141726	55.815	ng		99
60) Diethylphthalate	10.357	149	539620	52.900	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	264464	51.938	ng		99
62) 4-Nitroaniline	10.498	138	101119	47.864	ng		94
63) Azobenzene	10.639	77	579721	51.140	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	77052	70.894	ng		95
66) n-Nitrosodiphenylamine	10.592	169	441321	57.323	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	158082	57.336	ng		99
68) Hexachlorobenzene	11.028	284	168016	56.802	ng		98
69) Atrazine	11.122	200	134028	57.001	ng		99
70) Pentachlorophenol	11.222	266	186423	98.665	ng		99
71) Phenanthrene	11.445	178	696173	52.640	ng		100
72) Anthracene	11.498	178	706062	54.590	ng		99
73) Carbazole	11.651	167	532284	44.073	ng		100
74) Di-n-butylphthalate	11.986	149	699119	49.923	ng		99
75) Fluoranthene	12.633	202	599523	42.472	ng		99
77) Benzidine	12.751	184	209682	66.250	ng		99
78) Pyrene	12.863	202	590183	46.156	ng		100
80) Butylbenzylphthalate	13.480	149	217894	49.256	ng		99
81) Benzo(a)anthracene	14.051	228	533813	52.999	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	116656	41.435	ng		99
83) Chrysene	14.086	228	480828	52.667	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	295030	50.307	ng		99
85) Di-n-octyl phthalate	14.657	149	539876	65.590	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	570611	53.258	ng		98
88) Benzo(b)fluoranthene	15.104	252	606034	50.779	ng		99
89) Benzo(k)fluoranthene	15.133	252	484325	48.724	ng		99
90) Benzo(a)pyrene	15.474	252	523702	55.533	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	464253	52.786	ng		99
92) Benzo(g,h,i)perylene	17.474	276	402374	40.507	ng		99

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

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