Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
Data File : BF138586.D
Acq On : 19 Jul 2024 13:28
Operator : RC/JU
Sample : P3246-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 14:05:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	71628	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	293898	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	161564	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	291130	20.000	ng		0.00
76) Chrysene-d12	14.021	240	151731	20.000	ng		0.00
86) Perylene-d12	15.480	264	166878	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	601749	133.052	ng		0.01
7) Phenol-d6	6.504	99	777660	129.255	ng		0.00
23) Nitrobenzene-d5	7.428	82	568472	94.967	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	223323	147.898	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	935113	90.459	ng		-0.01
79) Terphenyl-d14	12.963	244	1014841	108.962	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	86905	43.386	ng	#	80
3) Pyridine	3.540	79	183632	37.175	ng		99
4) n-Nitrosodimethylamine	3.475	42	166182	51.679	ng		91
6) Aniline	6.528	93	154528	27.421	ng	#	52
8) 2-Chlorophenol	6.651	128	261749	54.733	ng		99
9) Benzaldehyde	6.416	77	6645	2.063	ng		97
10) Phenol	6.516	94	311164	48.725	ng		98
11) bis(2-Chloroethyl)ether	6.598	93	258783	53.822	ng		99
12) 1,3-Dichlorobenzene	6.804	146	251080	46.708	ng		99
13) 1,4-Dichlorobenzene	6.881	146	257074	47.094	ng		99
14) 1,2-Dichlorobenzene	7.028	146	244201	48.033	ng		97
15) Benzyl Alcohol	7.004	79	262774	58.197	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	471799	49.898	ng		84
17) 2-Methylphenol	7.122	107	215564	55.000	ng	#	92
18) Hexachloroethane	7.369	117	92457	46.073	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	199809	53.747	ng		97
20) 3+4-Methylphenols	7.275	107	270509	54.809	ng		90
22) Acetophenone	7.269	105	339103	47.507	ng		98
24) Nitrobenzene	7.445	77	303774	49.938	ng		98
25) Isophorone	7.681	82	551661	53.665	ng		99
26) 2-Nitrophenol	7.757	139	139122	53.360	ng		95
27) 2,4-Dimethylphenol	7.798	122	188680	58.881	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	323894	52.721	ng		98
29) 2,4-Dichlorophenol	8.004	162	219350	52.713	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	220503	45.487	ng		98
31) Naphthalene	8.163	128	761126	49.795	ng		100
32) Benzoic acid	7.928	122	146680	47.993	ng		94
33) 4-Chloroaniline	8.210	127	77481	14.447	ng		99
34) Hexachlorobutadiene	8.275	225	122003	40.871	ng		98
35) Caprolactam	8.592	113	62238m	46.350	ng		
36) 4-Chloro-3-methylphenol	8.704	107	256087	54.971	ng		99
37) 2-Methylnaphthalene	8.851	142	501809	51.016	ng		99
38) 1-Methylnaphthalene	8.951	142	467236	48.671	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	202244	44.914	ng		98
41) Hexachlorocyclopentadiene	9.004	237	170606	116.729	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	152464	53.081	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	162428	51.415	ng		95
46) 1,1'-Biphenyl	9.316	154	593091	48.439	ng		99
47) 2-Chloronaphthalene	9.345	162	470316	50.846	ng		100
48) 2-Nitroaniline	9.445	65	187274	58.425	ng		98
49) Acenaphthylene	9.763	152	756445	57.601	ng		100
50) Dimethylphthalate	9.622	163	585483	56.043	ng		100
51) 2,6-Dinitrotoluene	9.686	165	129295	53.752	ng		90
52) Acenaphthene	9.933	154	468587	53.678	ng		99
53) 3-Nitroaniline	9.851	138	42855	17.383	ng		92
54) 2,4-Dinitrophenol	9.963	184	145620	110.886	ng		95
55) Dibenzofuran	10.104	168	681350	53.811	ng		100
56) 4-Nitrophenol	10.028	139	188197	103.456	ng		96
57) 2,4-Dinitrotoluene	10.092	165	175897	56.517	ng		93
58) Fluorene	10.445	166	545324	54.430	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	139154	55.812	ng		98
60) Diethylphthalate	10.322	149	564213	56.022	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	255951	50.876	ng		93
62) 4-Nitroaniline	10.469	138	130944	53.003	ng		100
63) Azobenzene	10.598	77	616021	56.891	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	103347	61.479	ng		79
66) n-Nitrosodiphenylamine	10.557	169	476855	54.670	ng		98
67) 4-Bromophenyl-phenylether	10.927	248	155913	52.105	ng		98
68) Hexachlorobenzene	10.992	284	171208	51.504	ng		96
69) Atrazine	11.080	200	118029	40.814	ng		98
70) Pentachlorophenol	11.192	266	199032	101.185	ng		98
71) Phenanthrene	11.410	178	820787	55.805	ng		100
72) Anthracene	11.463	178	828410	56.740	ng		100
73) Carbazole	11.616	167	725290	55.278	ng		99
74) Di-n-butylphthalate	11.939	149	877473	58.019	ng		100
75) Fluoranthene	12.592	202	801708	53.418	ng		97
77) Benzidine	12.716	184	8641	2.257	ng	#	93
78) Pyrene	12.821	202	808509	52.491	ng		99
80) Butylbenzylphthalate	13.439	149	306999	66.257	ng		99
81) Benzo(a)anthracene	14.010	228	587942	57.748	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	90798	34.610	ng	#	96
83) Chrysene	14.045	228	535052	55.553	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	385193	77.948	ng		99
85) Di-n-octyl phthalate	14.604	149	566098	72.516	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	644960	57.538	ng		99
88) Benzo(b)fluoranthene	15.057	252	507080	53.956	ng		99
89) Benzo(k)fluoranthene	15.086	252	510378	55.683	ng		99
90) Benzo(a)pyrene	15.421	252	475734	57.624	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	516723	56.354	ng		99
92) Benzo(g,h,i)perylene	17.404	276	498254	51.245	ng		95

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

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