Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139021.D
Acq On : 15 Aug 2024 14:22
Operator : RC/JU
Sample : P3574-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 15 14:44:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	39009	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	158698	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	84287	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	133879	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	66485	20.000	ng		0.00
86) Perylene-d12	15.468	264	78706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	310623	122.919	ng		0.02
7) Phenol-d6	6.492	99	396425	116.842	ng		0.00
23) Nitrobenzene-d5	7.404	82	288974	89.026	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	101603	147.160	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	521255	92.919	ng		-0.01
79) Terphenyl-d14	12.939	244	436264	109.863	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	38903	35.163	ng	#	81
3) Pyridine	3.498	79	74266	27.710	ng		96
4) n-Nitrosodimethylamine	3.428	42	80554	50.466	ng		81
6) Aniline	6.510	93	72432	23.938	ng	#	12
8) 2-Chlorophenol	6.634	128	117922	44.352	ng		98
9) Benzaldehyde	6.398	77	53189	26.152	ng		100
10) Phenol	6.504	94	142246	39.820	ng		86
11) bis(2-Chloroethyl)ether	6.575	93	118161	42.984	ng		99
12) 1,3-Dichlorobenzene	6.775	146	122913	41.299	ng		97
13) 1,4-Dichlorobenzene	6.857	146	125135	41.663	ng		98
14) 1,2-Dichlorobenzene	7.004	146	119961	42.737	ng		98
15) Benzyl Alcohol	6.992	79	119018	48.671	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	203303	42.974	ng	#	49
17) 2-Methylphenol	7.104	107	97128	44.241	ng	#	85
18) Hexachloroethane	7.345	117	48615	43.000	ng		97
19) n-Nitroso-di-n-propyla...	7.251	70	96085	46.889	ng		93
20) 3+4-Methylphenols	7.263	107	129841	46.094	ng	#	71
22) Acetophenone	7.251	105	179314	46.147	ng		99
24) Nitrobenzene	7.428	77	140723	42.605	ng		99
25) Isophorone	7.663	82	251854	45.440	ng		98
26) 2-Nitrophenol	7.739	139	62144	43.731	ng		92
27) 2,4-Dimethylphenol	7.781	122	92901	54.640	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	142461	42.207	ng		99
29) 2,4-Dichlorophenol	7.992	162	99847	45.701	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	104251	41.348	ng		99
31) Naphthalene	8.139	128	356251	42.648	ng		99
32) Benzoic acid	7.933	122	50648	37.896	ng		92
33) 4-Chloroaniline	8.198	127	51007	18.191	ng		96
34) Hexachlorobutadiene	8.251	225	67320	44.083	ng		97
35) Caprolactam	8.575	113	26302m	40.346	ng		
36) 4-Chloro-3-methylphenol	8.686	107	119237	47.755	ng		98
37) 2-Methylnaphthalene	8.828	142	234886	44.523	ng		98
38) 1-Methylnaphthalene	8.928	142	219834	42.524	ng		100
40) 1,2,4,5-Tetrachloroben...	8.992	216	108730	46.438	ng		98
41) Hexachlorocyclopentadiene	8.975	237	74185	116.248	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	64816	45.403	ng		98

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QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	72079	46.186	ng		99
46) 1,1'-Biphenyl	9.292	154	305447	46.271	ng		99
47) 2-Chloronaphthalene	9.316	162	222389	45.297	ng		98
48) 2-Nitroaniline	9.422	65	85055	51.103	ng		92
49) Acenaphthylene	9.733	152	347332	49.881	ng		99
50) Dimethylphthalate	9.592	163	277743	51.535	ng		99
51) 2,6-Dinitrotoluene	9.663	165	59577	48.982	ng	#	83
52) Acenaphthene	9.904	154	220838	47.180	ng		99
53) 3-Nitroaniline	9.839	138	32152	25.571	ng		99
54) 2,4-Dinitrophenol	9.957	184	59522	106.308	ng	#	84
55) Dibenzofuran	10.075	168	325039	49.193	ng		97
56) 4-Nitrophenol	10.022	139	49715	65.750	ng	#	81
57) 2,4-Dinitrotoluene	10.075	165	78395	50.519	ng	#	79
58) Fluorene	10.422	166	262594	49.906	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	61092	51.203	ng		95
60) Diethylphthalate	10.292	149	262641	51.396	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	125478	48.488	ng		96
62) 4-Nitroaniline	10.457	138	51464m	43.070	ng		
63) Azobenzene	10.569	77	279167	49.257	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	41844	51.231	ng		94
66) n-Nitrosodiphenylamine	10.533	169	215348	51.460	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	70532	48.660	ng		95
68) Hexachlorobenzene	10.969	284	74165	49.555	ng		99
69) Atrazine	11.057	200	57786	53.522	ng		96
70) Pentachlorophenol	11.174	266	57641	85.446	ng		99
71) Phenanthrene	11.380	178	351021	50.919	ng		100
72) Anthracene	11.433	178	360524	53.087	ng		100
73) Carbazole	11.592	167	284984	48.639	ng		99
74) Di-n-butylphthalate	11.910	149	351147	53.312	ng		99
75) Fluoranthene	12.568	202	295738	45.953	ng		99
77) Benzidine	12.698	184	32630	20.519	ng		99
78) Pyrene	12.798	202	295279	47.171	ng		100
80) Butylbenzylphthalate	13.410	149	110744	55.246	ng		99
81) Benzo(a)anthracene	13.992	228	240384	52.505	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	46252	39.477	ng		99
83) Chrysene	14.027	228	208015	50.361	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	155100	52.839	ng		98
85) Di-n-octyl phthalate	14.574	149	277593	51.114	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	235137	41.688	ng		96
88) Benzo(b)fluoranthene	15.039	252	222917	45.689	ng		99
89) Benzo(k)fluoranthene	15.068	252	231420	54.783	ng		98
90) Benzo(a)pyrene	15.409	252	221221	53.905	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	193546	41.802	ng		97
92) Benzo(g,h,i)perylene	17.386	276	165969	34.544	ng		96

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

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