Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
Data File : BF138576.D
Acq On : 15 Jul 2024 19:15
Operator : CG\JU
Sample : P3228-01MSD 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 16 00:49:39 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	6.869	152	81433	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	284497	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	126263	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	212057	20.000	ng		0.00
76) Chrysene-d12	14.027	240	119349	20.000	ng		0.00
86) Perylene-d12	15.498	264	104783	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	247006	48.039	ng		0.00
7) Phenol-d6	6.504	99	308836	45.151	ng		0.00
23) Nitrobenzene-d5	7.428	82	193855	33.455	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	51698	43.810	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	304309	37.668	ng		0.00
79) Terphenyl-d14	12.968	244	278905	38.071	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	47389	20.810	ng		98
3) Pyridine	3.428	79	117586	20.938	ng		99
4) n-Nitrosodimethylamine	3.375	42	93240	25.505	ng		98
6) Aniline	6.528	93	84105	13.128	ng		93
8) 2-Chlorophenol	6.651	128	134913	24.814	ng		97
9) Benzaldehyde	6.416	77	15408	4.208	ng		97
10) Phenol	6.516	94	172470	23.755	ng		93
11) bis(2-Chloroethyl)ether	6.598	93	137066	25.075	ng		98
12) 1,3-Dichlorobenzene	6.804	146	145039	23.733	ng		95
13) 1,4-Dichlorobenzene	6.886	146	145971	23.521	ng		100
14) 1,2-Dichlorobenzene	7.034	146	137059	23.713	ng		97
15) Benzyl Alcohol	7.010	79	123809	24.119	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	259879	24.175	ng		92
17) 2-Methylphenol	7.122	107	103818	23.299	ng		98
18) Hexachloroethane	7.375	117	46371	20.325	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	100125	23.690	ng		97
20) 3+4-Methylphenols	7.275	107	132194	23.560	ng	#	87
22) Acetophenone	7.275	105	175340	25.376	ng		96
24) Nitrobenzene	7.445	77	146030	24.799	ng		99
25) Isophorone	7.686	82	257741	25.901	ng		99
26) 2-Nitrophenol	7.763	139	59929	23.745	ng		94
27) 2,4-Dimethylphenol	7.804	122	83918	27.054	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	155135	26.086	ng		98
29) 2,4-Dichlorophenol	8.010	162	93978	23.331	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	109950	23.431	ng		98
31) Naphthalene	8.169	128	354274	23.944	ng		99
32) Benzoic acid	7.898	122	39762	13.440	ng		92
33) 4-Chloroaniline	8.222	127	64516	12.427	ng		95
34) Hexachlorobutadiene	8.281	225	68811	23.813	ng		100
35) Caprolactam	8.569	113	25236	19.415	ng		96
36) 4-Chloro-3-methylphenol	8.704	107	93711	20.780	ng		98
37) 2-Methylnaphthalene	8.857	142	209149	21.965	ng		98
38) 1-Methylnaphthalene	8.957	142	192141	20.676	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	87527	24.873	ng		99
41) Hexachlorocyclopentadiene	9.010	237	4164	3.646	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	55485	24.718	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	55629	22.532	ng		100
46) 1,1'-Biphenyl	9.322	154	235101	24.570	ng		99
47) 2-Chloronaphthalene	9.351	162	181715	25.138	ng		97
48) 2-Nitroaniline	9.445	65	67824	27.076	ng		93
49) Acenaphthylene	9.763	152	270426	26.349	ng		100
50) Dimethylphthalate	9.622	163	219450	26.879	ng		99
51) 2,6-Dinitrotoluene	9.686	165	43010	22.880	ng		99
52) Acenaphthene	9.933	154	163550	23.973	ng		97
53) 3-Nitroaniline	9.857	138	42812	22.220	ng		98
54) 2,4-Dinitrophenol	9.969	184	2393	6.901	ng	#	86
55) Dibenzofuran	10.104	168	244385	24.697	ng		99
56) 4-Nitrophenol	10.022	139	55975	39.374	ng		98
57) 2,4-Dinitrotoluene	10.086	165	53391	21.951	ng		99
58) Fluorene	10.451	166	185490	23.691	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	42112	21.613	ng		97
60) Diethylphthalate	10.316	149	201992	25.663	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	93991	23.906	ng		94
62) 4-Nitroaniline	10.463	138	44265	22.927	ng		96
63) Azobenzene	10.598	77	199590	23.586	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	2877	2.350	ng		78
66) n-Nitrosodiphenylamine	10.557	169	160236	25.221	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	52254	23.975	ng		93
68) Hexachlorobenzene	10.998	284	54164	22.370	ng		92
69) Atrazine	11.086	200	52274	24.816	ng		98
70) Pentachlorophenol	11.192	266	50843	35.486	ng		97
71) Phenanthrene	11.410	178	294008	27.443	ng		100
72) Anthracene	11.463	178	281573	26.477	ng		99
73) Carbazole	11.621	167	243915	25.522	ng		99
74) Di-n-butylphthalate	11.945	149	298255	27.074	ng		100
75) Fluoranthene	12.598	202	318745	29.158	ng		97
77) Benzidine	12.721	184	13655m	4.535	ng		
78) Pyrene	12.827	202	317248	26.185	ng		98
80) Butylbenzylphthalate	13.445	149	114314	31.365	ng		98
81) Benzo(a)anthracene	14.015	228	212964	26.593	ng		97
82) 3,3'-Dichlorobenzidine	13.980	252	45180	21.894	ng		99
83) Chrysene	14.051	228	202083	26.674	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	149536	38.471	ng		97
85) Di-n-octyl phthalate	14.610	149	213526	34.773	ng		97
87) Indeno(1,2,3-cd)pyrene	16.968	276	153961	21.875	ng		97
88) Benzo(b)fluoranthene	15.068	252	162536	27.544	ng		98
89) Benzo(k)fluoranthene	15.092	252	148320m	25.771	ng		
90) Benzo(a)pyrene	15.433	252	141488	27.294	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	121788	21.153	ng		99
92) Benzo(g,h,i)perylene	17.421	276	108097	17.706	ng		97

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

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