Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138918.D
Acq On : 10 Aug 2024 19:23
Operator : RC/JU
Sample : P3466-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS

Quant Time: Aug 12 01:18:04 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	6.840	152	38789	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	159665	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	86338	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	135481	20.000	ng		0.00
76) Chrysene-d12	14.004	240	74415	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	90389	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	183786	73.140	ng		0.00
7) Phenol-d6	6.487	99	160107	47.457	ng		0.00
23) Nitrobenzene-d5	7.410	82	313025	95.852	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	100852	142.603	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	540521	94.064	ng		0.00
79) Terphenyl-d14	12.939	244	413929	93.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	22988	20.896	ng		96
3) Pyridine	3.405	79	41659	15.632	ng		94
4) n-Nitrosodimethylamine	3.346	42	46666	29.401	ng		87
6) Aniline	6.504	93	89249	29.663	ng		89
8) 2-Chlorophenol	6.634	128	120523	45.588	ng		98
9) Benzaldehyde	6.399	77	6060	2.996	ng		97
10) Phenol	6.499	94	66845	18.818	ng	#	56
11) bis(2-Chloroethyl)ether	6.575	93	132698	48.546	ng		99
12) 1,3-Dichlorobenzene	6.781	146	122645	41.443	ng		98
13) 1,4-Dichlorobenzene	6.857	146	127657	42.744	ng		99
14) 1,2-Dichlorobenzene	7.010	146	125100	44.821	ng		100
15) Benzyl Alcohol	6.987	79	101007	41.540	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	223109	47.428	ng		65
17) 2-Methylphenol	7.110	107	84203	38.571	ng	#	79
18) Hexachloroethane	7.346	117	47041	41.844	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	112722	55.320	ng		99
20) 3+4-Methylphenols	7.257	107	102397	36.558	ng	#	84
22) Acetophenone	7.251	105	197022	50.397	ng		97
24) Nitrobenzene	7.428	77	164726	49.570	ng		99
25) Isophorone	7.663	82	292152	52.391	ng		97
26) 2-Nitrophenol	7.745	139	73400	51.339	ng		96
27) 2,4-Dimethylphenol	7.781	122	86943	50.826	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	168273	49.553	ng		99
29) 2,4-Dichlorophenol	7.993	162	113605	51.683	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	118482	46.708	ng		99
31) Naphthalene	8.145	128	405155	48.208	ng		100
32) Benzoic acid	7.904	122	14065	10.460	ng		90
33) 4-Chloroaniline	8.198	127	87211	30.914	ng		99
34) Hexachlorobutadiene	8.251	225	70609	45.956	ng		98
35) Caprolactam	8.581	113	6288	9.587	ng		95
36) 4-Chloro-3-methylphenol	8.687	107	121689	48.441	ng		100
37) 2-Methylnaphthalene	8.834	142	270837	51.027	ng		98
38) 1-Methylnaphthalene	8.934	142	253121	48.667	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	116043	48.384	ng		99
41) Hexachlorocyclopentadiene	8.981	237	65477	101.129	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	74401	50.879	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	77757	48.640	ng		97
46) 1,1'-Biphenyl	9.298	154	324255	47.954	ng		99
47) 2-Chloronaphthalene	9.322	162	256827	51.069	ng		99
48) 2-Nitroaniline	9.428	65	93915	55.086	ng		97
49) Acenaphthylene	9.739	152	397204	55.688	ng		99
50) Dimethylphthalate	9.598	163	303040	54.893	ng		99
51) 2,6-Dinitrotoluene	9.669	165	64408	51.696	ng		89
52) Acenaphthene	9.910	154	242936	50.668	ng		100
53) 3-Nitroaniline	9.839	138	45728	35.504	ng		96
54) 2,4-Dinitrophenol	9.957	184	55064	96.010	ng		85
55) Dibenzofuran	10.081	168	364634	53.875	ng		98
56) 4-Nitrophenol	10.022	139	19222	24.818	ng	#	77
57) 2,4-Dinitrotoluene	10.075	165	87175	54.842	ng	#	84
58) Fluorene	10.428	166	289805	53.770	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	59113	48.367	ng		92
60) Diethylphthalate	10.298	149	291918	55.769	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	142298	53.681	ng		98
62) 4-Nitroaniline	10.457	138	55299	45.180	ng		86
63) Azobenzene	10.575	77	306534	52.800	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	45979	55.628	ng		96
66) n-Nitrosodiphenylamine	10.539	169	239003	56.437	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	79887	54.462	ng		99
68) Hexachlorobenzene	10.969	284	81529	53.832	ng		97
69) Atrazine	11.063	200	62322	57.040	ng		100
70) Pentachlorophenol	11.175	266	52146	76.387	ng		99
71) Phenanthrene	11.386	178	381610	54.702	ng		100
72) Anthracene	11.439	178	387006	56.312	ng		99
73) Carbazole	11.598	167	297334	50.147	ng		98
74) Di-n-butylphthalate	11.916	149	369523	55.439	ng		100
75) Fluoranthene	12.575	202	314489	48.289	ng		98
77) Benzidine	12.704	184	6571	3.692	ng		98
78) Pyrene	12.804	202	314317	44.861	ng		100
80) Butylbenzylphthalate	13.410	149	119378	53.207	ng		99
81) Benzo(a)anthracene	13.992	228	275172	53.699	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	63725	48.595	ng		99
83) Chrysene	14.027	228	252862	54.695	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	161983	49.303	ng		99
85) Di-n-octyl phthalate	14.574	149	306196	50.373	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	298442	46.073	ng		97
88) Benzo(b)fluoranthene	15.039	252	281976	50.324	ng		97
89) Benzo(k)fluoranthene	15.069	252	277042	57.106	ng		99
90) Benzo(a)pyrene	15.404	252	266304	56.503	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	240959	45.316	ng		98
92) Benzo(g,h,i)perylene	17.386	276	214778	38.925	ng		96

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

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