Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139205.D
Acq On : 28 Aug 2024 13:16
Operator : RC/JU
Sample : P3707-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 28 13:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	82034	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	302933	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	175605	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	285346	20.000	ng	0.00
76) Chrysene-d12	14.051	240	154491	20.000	ng	0.00
86) Perylene-d12	15.521	264	187877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	427287	87.524	ng	0.01
7) Phenol-d6	6.522	99	588842	87.887	ng	0.00
23) Nitrobenzene-d5	7.451	82	415073	75.908	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	132486	88.091	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	534518	47.282	ng	0.00
79) Terphenyl-d14	12.992	244	312760	31.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	95306	41.281	ng	98
3) Pyridine	3.510	79	258367	45.030	ng	99
4) n-Nitrosodimethylamine	3.463	42	157940	47.282	ng	100
6) Aniline	6.551	93	258185	41.109	ng	92
8) 2-Chlorophenol	6.675	128	258544	55.742	ng	99
9) Benzaldehyde	6.439	77	127533	30.412	ng	99
10) Phenol	6.534	94	357960	52.938	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	258094	48.444	ng	99
12) 1,3-Dichlorobenzene	6.834	146	283932	46.421	ng	99
13) 1,4-Dichlorobenzene	6.910	146	285199	46.476	ng	100
14) 1,2-Dichlorobenzene	7.063	146	276872	47.954	ng	99
15) Benzyl Alcohol	7.034	79	277252	54.900	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	376286	48.721	ng	96
17) 2-Methylphenol	7.145	107	220203	52.078	ng	98
18) Hexachloroethane	7.404	117	102090	52.584	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	213827	53.360	ng	98
20) 3+4-Methylphenols	7.298	107	281814	52.251	ng	97
22) Acetophenone	7.298	105	378999	48.692	ng	96
24) Nitrobenzene	7.475	77	320296	50.120	ng	96
25) Isophorone	7.710	82	559634	51.754	ng	100
26) 2-Nitrophenol	7.786	139	133651	63.453	ng	99
27) 2,4-Dimethylphenol	7.828	122	208534	65.065	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	311255	49.717	ng	99
29) 2,4-Dichlorophenol	8.028	162	226519	57.260	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	235873	46.236	ng	100
31) Naphthalene	8.198	128	756515	48.840	ng	100
32) Benzoic acid	7.928	122	117379	43.848	ng	97
33) 4-Chloroaniline	8.239	127	128902	24.148	ng	99
34) Hexachlorobutadiene	8.310	225	158760	47.890	ng	100
35) Caprolactam	8.616	113	71350m	58.793	ng	
36) 4-Chloro-3-methylphenol	8.722	107	254207	56.029	ng	98
37) 2-Methylnaphthalene	8.886	142	496445	51.125	ng	99
38) 1-Methylnaphthalene	8.986	142	462661	48.748	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	249682	47.936	ng	98
41) Hexachlorocyclopentadiene	9.039	237	282478	168.894	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	170857	58.665	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	173343	56.782	ng		99
46) 1,1'-Biphenyl	9.351	154	608882	47.903	ng		100
47) 2-Chloronaphthalene	9.375	162	480318	47.366	ng		99
48) 2-Nitroaniline	9.469	65	169934	55.853	ng		96
49) Acenaphthylene	9.792	152	749360	52.445	ng		100
50) Dimethylphthalate	9.651	163	573477	56.533	ng		100
51) 2,6-Dinitrotoluene	9.710	165	123594	55.959	ng		92
52) Acenaphthene	9.963	154	503618	53.654	ng		99
53) 3-Nitroaniline	9.880	138	87242	40.197	ng		95
54) 2,4-Dinitrophenol	9.980	184	79071	77.911	ng	#	64
55) Dibenzofuran	10.133	168	679218	49.582	ng		100
56) 4-Nitrophenol	10.033	139	160741	86.328	ng		98
57) 2,4-Dinitrotoluene	10.110	165	164923	58.423	ng		93
58) Fluorene	10.474	166	533316	49.347	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	142927	58.416	ng		100
60) Diethylphthalate	10.351	149	550965	57.678	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	265615	50.079	ng		99
62) 4-Nitroaniline	10.492	138	105054	47.047	ng		96
63) Azobenzene	10.627	77	591763	50.959	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	62203	54.274	ng		95
66) n-Nitrosodiphenylamine	10.586	169	454570	53.790	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	163689	53.990	ng		99
68) Hexachlorobenzene	11.022	284	172168	52.472	ng		99
69) Atrazine	11.116	200	148293	80.451	ng		99
70) Pentachlorophenol	11.216	266	177735	92.264	ng		99
71) Phenanthrene	11.439	178	732317	50.787	ng		100
72) Anthracene	11.492	178	743230	52.877	ng		99
73) Carbazole	11.639	167	561854	44.684	ng		99
74) Di-n-butylphthalate	11.974	149	731386	67.112	ng		100
75) Fluoranthene	12.621	202	622454	44.482	ng		100
77) Benzidine	12.745	184	139639	53.564	ng		98
78) Pyrene	12.851	202	585382	40.338	ng		100
80) Butylbenzylphthalate	13.468	149	221367	71.802	ng		96
81) Benzo(a)anthracene	14.039	228	534230	52.190	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	152678	64.062	ng		100
83) Chrysene	14.074	228	486455	52.682	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	289654	78.160	ng		100
85) Di-n-octyl phthalate	14.645	149	532800	72.310	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	488836	38.053	ng		98
88) Benzo(b)fluoranthene	15.092	252	566516	51.547	ng		98
89) Benzo(k)fluoranthene	15.121	252	530197	53.360	ng		99
90) Benzo(a)pyrene	15.462	252	522790	56.042	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	393243	37.348	ng		97
92) Benzo(g,h,i)perylene	17.445	276	340308	31.247	ng		99

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

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