Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138893.D
Acq On : 09 Aug 2024 17:35
Operator : RC/JU
Sample : P3460-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 18:09:31 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	52692	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	210319	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	110454	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	150028	20.000	ng		0.00
76) Chrysene-d12	14.004	240	83246	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	83769	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	305536	89.509	ng		0.01
7) Phenol-d6	6.492	99	407677	88.956	ng		0.00
23) Nitrobenzene-d5	7.410	82	272026	63.236	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	75076	82.978	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	495470	67.398	ng		0.00
79) Terphenyl-d14	12.939	244	327568	65.881	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	51520	34.475	ng		96
3) Pyridine	3.457	79	133492	36.875	ng		97
4) n-Nitrosodimethylamine	3.428	42	111870	51.885	ng		83
6) Aniline	6.504	93	109687	26.837	ng	#	1
8) 2-Chlorophenol	6.634	128	177119	49.318	ng		97
9) Benzaldehyde	6.398	77	7076	2.576	ng		94
10) Phenol	6.504	94	222784	46.170	ng		89
11) bis(2-Chloroethyl)ether	6.581	93	170351	45.877	ng		98
12) 1,3-Dichlorobenzene	6.781	146	184747	45.956	ng		98
13) 1,4-Dichlorobenzene	6.857	146	191930	47.308	ng		99
14) 1,2-Dichlorobenzene	7.010	146	181814	47.953	ng		100
15) Benzyl Alcohol	6.992	79	169317	51.260	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	292689	45.802	ng		52
17) 2-Methylphenol	7.110	107	142800	48.153	ng	#	85
18) Hexachloroethane	7.345	117	74183	48.576	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	140932	50.915	ng		97
20) 3+4-Methylphenols	7.263	107	190185	49.984	ng	#	77
22) Acetophenone	7.257	105	241404	46.878	ng		96
24) Nitrobenzene	7.428	77	205442	46.933	ng		99
25) Isophorone	7.669	82	365558	49.767	ng		99
26) 2-Nitrophenol	7.745	139	93981	49.903	ng		97
27) 2,4-Dimethylphenol	7.786	122	119397	52.988	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	213446	47.717	ng		99
29) 2,4-Dichlorophenol	7.992	162	144740	49.989	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	163241	48.854	ng		98
31) Naphthalene	8.145	128	526559	47.564	ng		99
32) Benzoic acid	7.904	122	9906m	5.593	ng		
33) 4-Chloroaniline	8.198	127	58574	15.762	ng		98
34) Hexachlorobutadiene	8.251	225	99898	49.360	ng		99
35) Caprolactam	8.586	113	33884m	39.219	ng		
36) 4-Chloro-3-methylphenol	8.692	107	160337	48.454	ng		99
37) 2-Methylnaphthalene	8.833	142	342529	48.991	ng		99
38) 1-Methylnaphthalene	8.933	142	308929	45.091	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	147320	48.014	ng		99
41) Hexachlorocyclopentadiene	8.980	237	83066	100.342	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	87163	46.592	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	94311	46.115	ng		98
46) 1,1'-Biphenyl	9.298	154	399624	46.196	ng		99
47) 2-Chloronaphthalene	9.327	162	311646	48.439	ng		100
48) 2-Nitroaniline	9.427	65	110247	50.546	ng		98
49) Acenaphthylene	9.739	152	468744	51.370	ng		99
50) Dimethylphthalate	9.604	163	376103	53.253	ng		99
51) 2,6-Dinitrotoluene	9.675	165	78531	49.270	ng		97
52) Acenaphthene	9.910	154	283534	46.224	ng		100
53) 3-Nitroaniline	9.839	138	53457	32.443	ng		98
54) 2,4-Dinitrophenol	9.957	184	18693	25.477	ng		85
55) Dibenzofuran	10.080	168	418623	48.347	ng		98
56) 4-Nitrophenol	10.022	139	69547	70.188	ng		90
57) 2,4-Dinitrotoluene	10.075	165	100573	49.457	ng	#	84
58) Fluorene	10.427	166	327261	47.462	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	61509	39.339	ng		97
60) Diethylphthalate	10.298	149	359822	53.733	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	167445	49.376	ng		97
62) 4-Nitroaniline	10.457	138	69121	44.143	ng		88
63) Azobenzene	10.574	77	349089	47.002	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	28182	30.790	ng		92
66) n-Nitrosodiphenylamine	10.539	169	275051	58.652	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	90277	55.578	ng		98
68) Hexachlorobenzene	10.974	284	86342	51.482	ng		97
69) Atrazine	11.063	200	79706	65.878	ng		98
70) Pentachlorophenol	11.174	266	36872	48.775	ng		95
71) Phenanthrene	11.386	178	394611	51.081	ng		100
72) Anthracene	11.439	178	400313	52.601	ng		100
73) Carbazole	11.598	167	317770	48.397	ng		99
74) Di-n-butylphthalate	11.916	149	454820	61.619	ng		100
75) Fluoranthene	12.574	202	325191	45.090	ng		98
77) Benzidine	12.698	184	70073	35.193	ng		98
78) Pyrene	12.804	202	318529	40.640	ng		99
80) Butylbenzylphthalate	13.410	149	142408	56.738	ng		98
81) Benzo(a)anthracene	13.992	228	289475	50.497	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	52636	35.881	ng		100
83) Chrysene	14.027	228	259871	50.248	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	208101	56.621	ng		99
85) Di-n-octyl phthalate	14.574	149	376307	55.340	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	205180	34.179	ng		97
88) Benzo(b)fluoranthene	15.039	252	262580	50.566	ng		98
89) Benzo(k)fluoranthene	15.068	252	253171	56.310	ng		99
90) Benzo(a)pyrene	15.404	252	231786	53.065	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	169166	34.329	ng		98
92) Benzo(g,h,i)perylene	17.380	276	149355	29.207	ng		95

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

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