Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
Data File : BF138770.D
Acq On : 03 Aug 2024 15:11
Operator : RC/JU
Sample : P3448-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:51:50 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	6.845	152	48480	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	196684	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	105814	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	177469	20.000	ng		0.00
76) Chrysene-d12	14.010	240	101224	20.000	ng		0.00
86) Perylene-d12	15.480	264	122908	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	277258	88.282	ng		0.02
7) Phenol-d6	6.493	99	370614	87.894	ng		0.00
23) Nitrobenzene-d5	7.410	82	236972	58.906	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	85827	99.021	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	432138	61.361	ng		0.00
79) Terphenyl-d14	12.951	244	420155	69.495	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	52330	38.059	ng		98
3) Pyridine	3.452	79	132654	39.827	ng		95
4) n-Nitrosodimethylamine	3.416	42	94835	47.806	ng		95
6) Aniline	6.510	93	99121	26.359	ng	#	14
8) 2-Chlorophenol	6.634	128	161065	48.745	ng		97
9) Benzaldehyde	6.398	77	8106	3.207	ng		95
10) Phenol	6.504	94	203543	45.847	ng		94
11) bis(2-Chloroethyl)ether	6.581	93	153487	44.927	ng		99
12) 1,3-Dichlorobenzene	6.787	146	171463	46.357	ng		99
13) 1,4-Dichlorobenzene	6.863	146	174721	46.808	ng		99
14) 1,2-Dichlorobenzene	7.016	146	164134	47.051	ng		99
15) Benzyl Alcohol	6.993	79	152091	50.045	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	247544	42.103	ng		60
17) 2-Methylphenol	7.110	107	129889	47.605	ng	#	91
18) Hexachloroethane	7.351	117	66226	47.134	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	125716	49.364	ng		95
20) 3+4-Methylphenols	7.263	107	170838	48.800	ng	#	86
22) Acetophenone	7.257	105	217284	45.119	ng		98
24) Nitrobenzene	7.434	77	181873	44.429	ng		97
25) Isophorone	7.669	82	329289	47.937	ng		98
26) 2-Nitrophenol	7.745	139	87100	49.455	ng		98
27) 2,4-Dimethylphenol	7.787	122	109821	52.117	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	195540	46.745	ng		99
29) 2,4-Dichlorophenol	7.992	162	131606	48.604	ng		100
30) 1,2,4-Trichlorobenzene	8.069	180	144878	46.364	ng		98
31) Naphthalene	8.151	128	483025	46.656	ng		99
32) Benzoic acid	7.928	122	60445	36.491	ng		98
33) 4-Chloroaniline	8.198	127	41562	11.960	ng		98
34) Hexachlorobutadiene	8.263	225	88268	46.637	ng		99
35) Caprolactam	8.587	113	38027m	47.066	ng		
36) 4-Chloro-3-methylphenol	8.698	107	150410	48.605	ng		98
37) 2-Methylnaphthalene	8.839	142	318993	48.788	ng		99
38) 1-Methylnaphthalene	8.939	142	293706	45.841	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	136278	46.363	ng		98
41) Hexachlorocyclopentadiene	8.986	237	80189	101.060	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	90540	50.520	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	95410	48.698	ng	98
46) 1,1'-Biphenyl	9.304	154	375239	45.279	ng	99
47) 2-Chloronaphthalene	9.334	162	293323	47.591	ng	99
48) 2-Nitroaniline	9.434	65	100726	48.206	ng	97
49) Acenaphthylene	9.745	152	457419	52.327	ng	99
50) Dimethylphthalate	9.610	163	353212	52.205	ng	100
51) 2,6-Dinitrotoluene	9.675	165	75155	49.220	ng	98
52) Acenaphthene	9.916	154	286610	48.774	ng	99
53) 3-Nitroaniline	9.845	138	39889	25.270	ng	96
54) 2,4-Dinitrophenol	9.957	184	62887	89.468	ng	90
55) Dibenzofuran	10.092	168	418168	50.412	ng	100
56) 4-Nitrophenol	10.022	139	80391	84.690	ng	96
57) 2,4-Dinitrotoluene	10.081	165	99275	50.959	ng	93
58) Fluorene	10.433	166	334972	50.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	77587	51.798	ng	97
60) Diethylphthalate	10.304	149	344036	53.628	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	162165	49.916	ng	97
62) 4-Nitroaniline	10.463	138	67691	45.125	ng	93
63) Azobenzene	10.581	77	352068	49.482	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	50791	46.911	ng	99
66) n-Nitrosodiphenylamine	10.545	169	278574	50.218	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	94670	49.270	ng	98
68) Hexachlorobenzene	10.980	284	96674	48.729	ng	96
69) Atrazine	11.075	200	83899	58.621	ng	100
70) Pentachlorophenol	11.180	266	71938	80.447	ng	98
71) Phenanthrene	11.398	178	517817	56.665	ng	100
72) Anthracene	11.451	178	472270	52.460	ng	100
73) Carbazole	11.604	167	368968	47.506	ng	99
74) Di-n-butylphthalate	11.927	149	517468	59.267	ng	99
75) Fluoranthene	12.586	202	502682	58.924	ng	99
77) Benzidine	12.704	184	86065	35.548	ng	98
78) Pyrene	12.816	202	518670	54.422	ng	99
80) Butylbenzylphthalate	13.427	149	205560	67.354	ng	96
81) Benzo(a)anthracene	13.998	228	395657	56.762	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	57096	32.008	ng	98
83) Chrysene	14.039	228	334838	53.244	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	247774	55.442	ng	100
85) Di-n-octyl phthalate	14.592	149	396044	47.898	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	371679	42.198	ng	98
88) Benzo(b)fluoranthene	15.051	252	419876	55.108	ng	99
89) Benzo(k)fluoranthene	15.080	252	301566	45.714	ng	99
90) Benzo(a)pyrene	15.421	252	355651	55.495	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	293344	40.572	ng	98
92) Benzo(g,h,i)perylene	17.404	276	290236	38.683	ng	97

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

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