Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138950.D
Acq On : 12 Aug 2024 23:28
Operator : RC/JU
Sample : P3478-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS04MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 01:03:27 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	41259	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	171730	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	99762	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	166539	20.000	ng		0.00
76) Chrysene-d12	14.004	240	79622	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	79815	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	206481	77.252	ng		0.00
7) Phenol-d6	6.487	99	228377	63.641	ng		0.00
23) Nitrobenzene-d5	7.410	82	421924	120.121	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	147689	180.729	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	761563	114.698	ng		0.00
79) Terphenyl-d14	12.945	244	692961	145.714	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	21454	18.334	ng	#	94
3) Pyridine	3.416	79	36763	12.969	ng		94
4) n-Nitrosodimethylamine	3.357	42	44821	26.548	ng		85
6) Aniline	6.504	93	85744	26.792	ng	#	59
8) 2-Chlorophenol	6.634	128	155767	55.392	ng		97
9) Benzaldehyde	6.404	77	5977	2.779	ng		97
10) Phenol	6.498	94	93772	24.819	ng	#	76
11) bis(2-Chloroethyl)ether	6.575	93	174616	60.057	ng		99
12) 1,3-Dichlorobenzene	6.781	146	151832	48.234	ng		98
13) 1,4-Dichlorobenzene	6.857	146	160185	50.425	ng		99
14) 1,2-Dichlorobenzene	7.010	146	156060	52.566	ng		99
15) Benzyl Alcohol	6.992	79	109238	42.235	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	293155	58.587	ng		62
17) 2-Methylphenol	7.110	107	117722	50.697	ng	#	79
18) Hexachloroethane	7.345	117	57089	47.742	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	150651	69.508	ng		99
20) 3+4-Methylphenols	7.263	107	145919	48.977	ng	#	86
22) Acetophenone	7.251	105	258951	61.585	ng	#	95
24) Nitrobenzene	7.434	77	217111	60.744	ng		100
25) Isophorone	7.669	82	397310	66.244	ng		98
26) 2-Nitrophenol	7.745	139	98443	64.018	ng		96
27) 2,4-Dimethylphenol	7.787	122	122137	66.384	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	232008	63.522	ng		99
29) 2,4-Dichlorophenol	7.992	162	149622	63.287	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	155212	56.889	ng		99
31) Naphthalene	8.145	128	537237	59.433	ng		100
32) Benzoic acid	7.904	122	12382	8.561	ng		87
33) 4-Chloroaniline	8.198	127	62113	20.470	ng		98
34) Hexachlorobutadiene	8.251	225	90270	54.625	ng		98
35) Caprolactam	8.592	113	6192	8.777	ng	#	89
36) 4-Chloro-3-methylphenol	8.686	107	177589	65.727	ng		99
37) 2-Methylnaphthalene	8.834	142	367947	64.452	ng		99
38) 1-Methylnaphthalene	8.934	142	341940	61.125	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	159728	57.637	ng		99
41) Hexachlorocyclopentadiene	8.981	237	105697	138.516	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	100101	59.243	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	106348	57.573	ng		98
46) 1,1'-Biphenyl	9.298	154	454504	58.171	ng		99
47) 2-Chloronaphthalene	9.328	162	351631	60.512	ng		99
48) 2-Nitroaniline	9.433	65	132306	67.161	ng		97
49) Acenaphthylene	9.739	152	558075	67.714	ng		99
50) Dimethylphthalate	9.604	163	469476	73.598	ng		100
51) 2,6-Dinitrotoluene	9.675	165	92602	64.325	ng		90
52) Acenaphthene	9.910	154	344711	62.220	ng		100
53) 3-Nitroaniline	9.845	138	48103	32.322	ng		98
54) 2,4-Dinitrophenol	9.963	184	81123	122.414	ng		85
55) Dibenzofuran	10.086	168	507674	64.916	ng		99
56) 4-Nitrophenol	10.033	139	17597	19.663	ng	#	66
57) 2,4-Dinitrotoluene	10.081	165	125846	68.517	ng	#	80
58) Fluorene	10.428	166	415235	66.675	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	87620	62.045	ng		96
60) Diethylphthalate	10.298	149	430937	71.249	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	206951	67.566	ng		98
62) 4-Nitroaniline	10.463	138	81731	57.790	ng		89
63) Azobenzene	10.575	77	452245	67.417	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	66245	65.200	ng		92
66) n-Nitrosodiphenylamine	10.539	169	354326	68.066	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	119422	66.232	ng		96
68) Hexachlorobenzene	10.975	284	122433	65.764	ng		99
69) Atrazine	11.069	200	102064	75.993	ng		99
70) Pentachlorophenol	11.175	266	80074	95.422	ng		98
71) Phenanthrene	11.392	178	579810	67.613	ng		100
72) Anthracene	11.439	178	590405	69.887	ng		100
73) Carbazole	11.598	167	474501	65.103	ng		99
74) Di-n-butylphthalate	11.916	149	636014	77.625	ng		99
75) Fluoranthene	12.574	202	519711	64.918	ng		99
77) Benzidine	12.704	184	8337	4.378	ng		97
78) Pyrene	12.804	202	506435	67.555	ng		100
80) Butylbenzylphthalate	13.410	149	183498	76.437	ng		98
81) Benzo(a)anthracene	13.992	228	362811	66.171	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	70683	50.376	ng		99
83) Chrysene	14.027	228	335478	67.819	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	240070	68.292	ng		98
85) Di-n-octyl phthalate	14.574	149	393802	60.548	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	356604	62.345	ng		97
88) Benzo(b)fluoranthene	15.039	252	309221	62.497	ng		98
89) Benzo(k)fluoranthene	15.068	252	313377m	73.153	ng		
90) Benzo(a)pyrene	15.404	252	289823	69.639	ng		98
91) Dibenzo(a,h)anthracene	16.957	278	290885	61.953	ng		97
92) Benzo(g,h,i)perylene	17.386	276	270345	55.486	ng		97

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

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