Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140496.D
Acq On : 20 Nov 2024 13:08
Operator : RC/JU
Sample : P4892-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel

Quant Time: Nov 20 13:32:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

11/22/2024
Supervised By :mohammad ahmed

11/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	124435	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	465260	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	249636	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	454496	20.000	ng		0.00
76) Chrysene-d12	14.057	240	229017	20.000	ng		0.00
86) Perylene-d12	15.568	264	239777	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	661003	90.697	ng		0.02
7) Phenol-d6	6.516	99	856389	86.731	ng		0.01
23) Nitrobenzene-d5	7.434	82	556896	62.365	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	239726	96.569	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1026634	66.111	ng		0.00
79) Terphenyl-d14	12.980	244	967340	73.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	120503	37.098	ng		98
3) Pyridine	3.446	79	273858	34.294	ng		99
4) n-Nitrosodimethylamine	3.399	42	170170	42.163	ng		99
6) Aniline	6.540	93	322914	37.594	ng	#	67
8) 2-Chlorophenol	6.663	128	347796	44.426	ng		98
9) Benzaldehyde	6.428	77	28158	4.758	ng		97
10) Phenol	6.528	94	450604	43.273	ng		88
11) bis(2-Chloroethyl)ether	6.610	93	346354	43.898	ng		100
12) 1,3-Dichlorobenzene	6.816	146	367039	42.492	ng		99
13) 1,4-Dichlorobenzene	6.893	146	372103	42.485	ng		99
14) 1,2-Dichlorobenzene	7.045	146	354704	43.624	ng		100
15) Benzyl Alcohol	7.016	79	311092	43.730	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	457498	41.979	ng		75
17) 2-Methylphenol	7.134	107	272983	42.387	ng	#	93
18) Hexachloroethane	7.387	117	140279	43.324	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	244503	40.999	ng		99
20) 3+4-Methylphenols	7.287	107	334559	41.539	ng		95
22) Acetophenone	7.281	105	460959	42.599	ng		99
24) Nitrobenzene	7.457	77	385461	41.459	ng		99
25) Isophorone	7.693	82	679615	42.943	ng		100
26) 2-Nitrophenol	7.769	139	186248	45.143	ng		98
27) 2,4-Dimethylphenol	7.810	122	272973m	51.680	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	419149	43.193	ng		99
29) 2,4-Dichlorophenol	8.016	162	290893	44.562	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	302855	41.671	ng		99
31) Naphthalene	8.175	128	1004910	42.578	ng		100
32) Benzoic acid	7.934	122	175771	37.818	ng		96
33) 4-Chloroaniline	8.228	127	139160	16.954	ng		98
34) Hexachlorobutadiene	8.292	225	197566	42.665	ng		100
35) Caprolactam	8.592	113	91616m	42.226	ng		
36) 4-Chloro-3-methylphenol	8.716	107	310713	42.951	ng		99
37) 2-Methylnaphthalene	8.869	142	652863	43.139	ng		100
38) 1-Methylnaphthalene	8.969	142	603793	40.742	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	308094	44.630	ng		99
41) Hexachlorocyclopentadiene	9.016	237	304816	171.976	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	203832	44.993	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220223	44.461	ng	96
46) 1,1'-Biphenyl	9.328	154	807015	44.437	ng	100
47) 2-Chloronaphthalene	9.357	162	600001	43.370	ng	100
48) 2-Nitroaniline	9.457	65	199954	43.582	ng	99
49) Acenaphthylene	9.775	152	992239	47.405	ng	99
50) Dimethylphthalate	9.634	163	738750	45.401	ng	99
51) 2,6-Dinitrotoluene	9.698	165	161253	43.470	ng	96
52) Acenaphthene	9.945	154	698498m	49.408	ng	
53) 3-Nitroaniline	9.869	138	114209	29.317	ng	100
54) 2,4-Dinitrophenol	9.981	184	164791	86.146	ng	98
55) Dibenzofuran	10.116	168	902274	45.084	ng	99
56) 4-Nitrophenol	10.039	139	225615	79.398	ng	99
57) 2,4-Dinitrotoluene	10.104	165	213328	43.696	ng	98
58) Fluorene	10.463	166	696131	44.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	181348	46.369	ng	98
60) Diethylphthalate	10.328	149	743819	44.705	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	344434	44.128	ng	99
62) 4-Nitroaniline	10.486	138	161229	40.477	ng	100
63) Azobenzene	10.610	77	775322	47.161	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	116238	47.535	ng	93
66) n-Nitrosodiphenylamine	10.569	169	609341	46.401	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	206178	45.382	ng	98
68) Hexachlorobenzene	11.010	284	229563	44.909	ng	98
69) Atrazine	11.098	200	194458	48.945	ng	99
70) Pentachlorophenol	11.210	266	219134	79.583	ng	98
71) Phenanthrene	11.428	178	949707	44.482	ng	100
72) Anthracene	11.481	178	985110	47.079	ng	100
73) Carbazole	11.633	167	861731	41.708	ng	100
74) Di-n-butylphthalate	11.957	149	1083111	43.678	ng	100
75) Fluoranthene	12.616	202	956319	39.925	ng	99
77) Benzidine	12.739	184	83936	9.549	ng	100
78) Pyrene	12.845	202	954324	48.716	ng	100
80) Butylbenzylphthalate	13.457	149	369231	49.065	ng	96
81) Benzo(a)anthracene	14.045	228	693541	46.078	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	158694	33.171	ng	99
83) Chrysene	14.080	228	645670	47.015	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	483566	48.142	ng	100
85) Di-n-octyl phthalate	14.669	149	703473	49.727	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	798846	53.934	ng	100
88) Benzo(b)fluoranthene	15.127	252	636840	40.602	ng	100
89) Benzo(k)fluoranthene	15.163	252	565254	44.114	ng	99
90) Benzo(a)pyrene	15.504	252	589322	48.383	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	655135	53.510	ng	100
92) Benzo(g,h,i)perylene	17.539	276	622290	49.717	ng	99

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

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