Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140677.D
Acq On : 27 Nov 2024 18:24
Operator : RC/JU
Sample : P5005-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 28 00:12:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/29/2024
Supervised By :mohammad ahmed
11/29/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	79003	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	292354	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	153667	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	241087	20.000	ng		0.00
76) Chrysene-d12	14.045	240	155258	20.000	ng		0.00
86) Perylene-d12	15.539	264	119180	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	506154	109.313	ng		0.00
7) Phenol-d6	6.510	99	661809	108.114	ng		0.00
23) Nitrobenzene-d5	7.434	82	424062	74.194	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	165068	100.438	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	787920	76.396	ng		0.00
79) Terphenyl-d14	12.980	244	681031	68.303	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	77557	39.838	ng		98
3) Pyridine	3.451	79	168843	39.418	ng		99
4) n-Nitrosodimethylamine	3.398	42	109495	43.493	ng		95
6) Aniline	6.534	93	163976	38.058	ng	#	72
8) 2-Chlorophenol	6.663	128	237230	47.622	ng		95
9) Benzaldehyde	6.422	77	94126	29.046	ng		98
10) Phenol	6.528	94	306934	49.098	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	219328	45.848	ng		99
12) 1,3-Dichlorobenzene	6.810	146	247786	44.267	ng		99
13) 1,4-Dichlorobenzene	6.886	146	251335	44.346	ng		99
14) 1,2-Dichlorobenzene	7.039	146	238629	44.933	ng		100
15) Benzyl Alcohol	7.016	79	216011	47.584	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	266558	47.166	ng		86
17) 2-Methylphenol	7.134	107	183385	45.988	ng		96
18) Hexachloroethane	7.381	117	92365	43.634	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	165629	45.783	ng		99
20) 3+4-Methylphenols	7.286	107	241688	47.154	ng	#	91
22) Acetophenone	7.281	105	326774	45.847	ng		97
24) Nitrobenzene	7.457	77	258676	43.790	ng		98
25) Isophorone	7.692	82	446237	46.809	ng		100
26) 2-Nitrophenol	7.769	139	125200	47.826	ng		98
27) 2,4-Dimethylphenol	7.810	122	187240m	59.780	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	271195	46.696	ng		100
29) 2,4-Dichlorophenol	8.016	162	197836	47.667	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	207108	43.705	ng		99
31) Naphthalene	8.175	128	681943	45.285	ng		99
32) Benzoic acid	7.945	122	108759	41.115	ng		100
33) 4-Chloroaniline	8.228	127	66469	14.742	ng		98
34) Hexachlorobutadiene	8.286	225	138595	44.156	ng		99
35) Caprolactam	8.598	113	61057m	47.537	ng		
36) 4-Chloro-3-methylphenol	8.716	107	213769	46.003	ng		100
37) 2-Methylnaphthalene	8.863	142	447977	46.836	ng		99
38) 1-Methylnaphthalene	8.963	142	412842	44.035	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	219113	48.707	ng		99
41) Hexachlorocyclopentadiene	9.016	237	110374	106.496	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	137412	48.679	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	140920	45.999	ng	96
46) 1,1'-Biphenyl	9.328	154	557440	48.587	ng	99
47) 2-Chloronaphthalene	9.357	162	408759	47.020	ng	99
48) 2-Nitroaniline	9.457	65	130224	46.669	ng	96
49) Acenaphthylene	9.769	152	649885	49.478	ng	99
50) Dimethylphthalate	9.627	163	500169	49.422	ng	100
51) 2,6-Dinitrotoluene	9.698	165	103081	44.910	ng	94
52) Acenaphthene	9.945	154	389570m	46.678	ng	
53) 3-Nitroaniline	9.869	138	72036	32.089	ng	96
54) 2,4-Dinitrophenol	9.980	184	87629	74.331	ng	98
55) Dibenzofuran	10.116	168	592008	46.505	ng	100
56) 4-Nitrophenol	10.045	139	120420	78.655	ng	97
57) 2,4-Dinitrotoluene	10.104	165	134646	44.139	ng	97
58) Fluorene	10.457	166	452925	44.326	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	111830	47.497	ng	93
60) Diethylphthalate	10.327	149	486328	47.297	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	230932	46.052	ng	99
62) 4-Nitroaniline	10.480	138	90902	38.609	ng	98
63) Azobenzene	10.610	77	510037	52.379	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	61491	49.913	ng	96
66) n-Nitrosodiphenylamine	10.569	169	384442	53.922	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	128809	51.880	ng	97
68) Hexachlorobenzene	11.010	284	141223	49.123	ng	98
69) Atrazine	11.092	200	119293	59.477	ng	100
70) Pentachlorophenol	11.210	266	117991	93.251	ng	99
71) Phenanthrene	11.422	178	577413	49.825	ng	100
72) Anthracene	11.474	178	576908	50.891	ng	100
73) Carbazole	11.633	167	511066	46.864	ng	100
74) Di-n-butylphthalate	11.951	149	640239	50.852	ng	99
75) Fluoranthene	12.616	202	634022	50.389	ng	100
77) Benzidine	12.739	184	82997	18.386	ng	99
78) Pyrene	12.845	202	640437	44.613	ng	99
80) Butylbenzylphthalate	13.457	149	249181	48.184	ng	99
81) Benzo(a)anthracene	14.033	228	517530	50.356	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	101440	32.874	ng	98
83) Chrysene	14.074	228	449730	47.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	334955	51.295	ng	99
85) Di-n-octyl phthalate	14.633	149	494986	55.466	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	351834	45.300	ng	100
88) Benzo(b)fluoranthene	15.104	252	367579	49.103	ng	99
89) Benzo(k)fluoranthene	15.133	252	350878	53.563	ng	99
90) Benzo(a)pyrene	15.474	252	322015	52.905	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	284034	44.654	ng	100
92) Benzo(g,h,i)perylene	17.503	276	264389	40.733	ng	99

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

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