Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140694.D
Acq On : 02 Dec 2024 17:39
Operator : RC/JU
Sample : P5005-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 00:03:55 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89059	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	336588	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	191004	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	359896	20.000	ng	0.00
76) Chrysene-d12	14.057	240	236032	20.000	ng	0.00
86) Perylene-d12	15.557	264	197266	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	612814	117.404	ng	0.02
7) Phenol-d6	6.516	99	768970	111.436	ng	0.00
23) Nitrobenzene-d5	7.433	82	551763	83.850	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	270888	132.606	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1097396	85.603	ng	0.00
79) Terphenyl-d14	12.986	244	1257269	82.943	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	86536	39.431	ng	# 82
3) Pyridine	3.551	79	160200	33.177	ng	99
4) n-Nitrosodimethylamine	3.469	42	113114	39.858	ng	# 89
6) Aniline	6.539	93	123979	25.526	ng	# 72
8) 2-Chlorophenol	6.663	128	259239	46.164	ng	97
9) Benzaldehyde	6.428	77	21240	5.814	ng	95
10) Phenol	6.528	94	298519	42.360	ng	88
11) bis(2-Chloroethyl)ether	6.610	93	248325	46.048	ng	99
12) 1,3-Dichlorobenzene	6.816	146	251688	39.887	ng	98
13) 1,4-Dichlorobenzene	6.892	146	254930	39.901	ng	99
14) 1,2-Dichlorobenzene	7.039	146	241190	40.287	ng	98
15) Benzyl Alcohol	7.016	79	246335	48.137	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	302176	47.431	ng	80
17) 2-Methylphenol	7.133	107	209667	46.642	ng	98
18) Hexachloroethane	7.381	117	92841	38.907	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	189613	46.494	ng	98
20) 3+4-Methylphenols	7.286	107	272653	47.189	ng	95
22) Acetophenone	7.281	105	360492	43.931	ng	97
24) Nitrobenzene	7.457	77	289089	42.507	ng	97
25) Isophorone	7.692	82	534482	48.698	ng	99
26) 2-Nitrophenol	7.769	139	141263	46.870	ng	96
27) 2,4-Dimethylphenol	7.810	122	220902m	61.258	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	322562	48.242	ng	99
29) 2,4-Dichlorophenol	8.016	162	231428	48.433	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	228663	41.912	ng	100
31) Naphthalene	8.175	128	769793	44.401	ng	99
32) Benzoic acid	7.945	122	140178	45.169	ng	95
33) 4-Chloroaniline	8.228	127	83068	16.003	ng	97
34) Hexachlorobutadiene	8.286	225	146138	40.441	ng	98
35) Caprolactam	8.598	113	66673m	45.088	ng	
36) 4-Chloro-3-methylphenol	8.716	107	264246	49.392	ng	100
37) 2-Methylnaphthalene	8.863	142	530398	48.166	ng	99
38) 1-Methylnaphthalene	8.963	142	492960	45.670	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	258539	46.237	ng	99
41) Hexachlorocyclopentadiene	9.010	237	206411	156.548	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	170261	48.525	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	180249	47.335	ng	97
46) 1,1'-Biphenyl	9.327	154	681674	47.801	ng	99
47) 2-Chloronaphthalene	9.357	162	507418	46.959	ng	97
48) 2-Nitroaniline	9.457	65	167387	48.261	ng	94
49) Acenaphthylene	9.769	152	837473	51.296	ng	100
50) Dimethylphthalate	9.627	163	652500	51.870	ng	100
51) 2,6-Dinitrotoluene	9.698	165	138083	48.400	ng	90
52) Acenaphthene	9.939	154	502390	48.429	ng	100
53) 3-Nitroaniline	9.869	138	68811	24.661	ng	92
54) 2,4-Dinitrophenol	9.986	184	147941	98.157	ng	91
55) Dibenzofuran	10.116	168	766013	48.411	ng	99
56) 4-Nitrophenol	10.045	139	158737	83.415	ng	93
57) 2,4-Dinitrotoluene	10.104	165	185597	48.949	ng	97
58) Fluorene	10.457	166	613408	48.297	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	165461	56.538	ng	91
60) Diethylphthalate	10.327	149	651930	51.008	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	302254	48.493	ng	100
62) 4-Nitroaniline	10.486	138	138465	47.314	ng	93
63) Azobenzene	10.610	77	598629	49.459	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	105962	57.617	ng	97
66) n-Nitrosodiphenylamine	10.569	169	541382	50.867	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	186499	50.318	ng	94
68) Hexachlorobenzene	11.010	284	207183	48.276	ng	100
69) Atrazine	11.098	200	163723	54.682	ng	99
70) Pentachlorophenol	11.210	266	192436	101.880	ng	98
71) Phenanthrene	11.427	178	881282	50.942	ng	99
72) Anthracene	11.474	178	895350	52.909	ng	100
73) Carbazole	11.633	167	821301	50.450	ng	100
74) Di-n-butylphthalate	11.951	149	1018009	54.165	ng	100
75) Fluoranthene	12.616	202	981044	52.230	ng	99
77) Benzidine	12.739	184	45627	6.649	ng	100
78) Pyrene	12.845	202	1005944	46.093	ng	100
80) Butylbenzylphthalate	13.457	149	409465	52.082	ng	98
81) Benzo(a)anthracene	14.045	228	814717	52.144	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	140123	29.870	ng	98
83) Chrysene	14.080	228	731712	51.216	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	569948	57.412	ng	99
85) Di-n-octyl phthalate	14.651	149	865056	63.762	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	639672	49.758	ng	97
88) Benzo(b)fluoranthene	15.121	252	634075	51.174	ng	98
89) Benzo(k)fluoranthene	15.151	252	575200	53.049	ng	99
90) Benzo(a)pyrene	15.492	252	551204	54.713	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	520658	49.453	ng	99
92) Benzo(g,h,i)perylene	17.527	276	483675	45.020	ng	97

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

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