Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140678.D
Acq On : 27 Nov 2024 18:50
Operator : RC/JU
Sample : P5005-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

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

Quant Time: Nov 28 00:12:32 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	83621	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	313052	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	159642	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	255191	20.000	ng		0.00
76) Chrysene-d12	14.045	240	158828	20.000	ng		0.00
86) Perylene-d12	15.539	264	124917	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	516116	105.309	ng		0.00
7) Phenol-d6	6.510	99	692847	106.934	ng		0.00
23) Nitrobenzene-d5	7.434	82	438785	71.694	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	166839	97.716	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	800817	74.740	ng		0.00
79) Terphenyl-d14	12.980	244	699432	68.571	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	83239	40.395	ng		99
3) Pyridine	3.451	79	179942	39.689	ng		99
4) n-Nitrosodimethylamine	3.404	42	113812	42.712	ng		95
6) Aniline	6.534	93	175342	38.449	ng	#	69
8) 2-Chlorophenol	6.663	128	247635	46.965	ng		95
9) Benzaldehyde	6.422	77	96400	28.105	ng		98
10) Phenol	6.528	94	314146	47.476	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	227225	44.876	ng		99
12) 1,3-Dichlorobenzene	6.810	146	257307	43.430	ng		98
13) 1,4-Dichlorobenzene	6.887	146	259586	43.272	ng		100
14) 1,2-Dichlorobenzene	7.039	146	249790	44.437	ng		99
15) Benzyl Alcohol	7.016	79	224750	46.775	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	275967	46.134	ng		84
17) 2-Methylphenol	7.134	107	193064	45.742	ng		96
18) Hexachloroethane	7.381	117	94082	41.991	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	172952	45.167	ng		98
20) 3+4-Methylphenols	7.287	107	249567	46.002	ng	#	91
22) Acetophenone	7.281	105	336783	44.127	ng		97
24) Nitrobenzene	7.457	77	268976	42.523	ng		98
25) Isophorone	7.692	82	461738	45.233	ng		99
26) 2-Nitrophenol	7.769	139	128931	45.995	ng		98
27) 2,4-Dimethylphenol	7.810	122	193575m	57.716	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	286004	45.990	ng		99
29) 2,4-Dichlorophenol	8.016	162	202465	45.557	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	216811	42.728	ng		99
31) Naphthalene	8.175	128	706915	43.840	ng		99
32) Benzoic acid	7.945	122	118113	41.597	ng		95
33) 4-Chloroaniline	8.228	127	73232	15.169	ng		97
34) Hexachlorobutadiene	8.286	225	141873	42.212	ng		99
35) Caprolactam	8.598	113	61921m	45.022	ng		
36) 4-Chloro-3-methylphenol	8.716	107	217063	43.623	ng		99
37) 2-Methylnaphthalene	8.863	142	458421	44.759	ng		100
38) 1-Methylnaphthalene	8.963	142	422914	42.127	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	222203	47.545	ng		100
41) Hexachlorocyclopentadiene	9.016	237	97253	91.431	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	139734	47.649	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	141874	44.577	ng	97
46) 1,1'-Biphenyl	9.328	154	561491	47.109	ng	99
47) 2-Chloronaphthalene	9.357	162	409644	45.358	ng	98
48) 2-Nitroaniline	9.457	65	132277	45.631	ng	96
49) Acenaphthylene	9.769	152	652875	47.845	ng	99
50) Dimethylphthalate	9.628	163	501271	47.677	ng	99
51) 2,6-Dinitrotoluene	9.698	165	103179	43.271	ng	94
52) Acenaphthene	9.945	154	392478m	45.267	ng	
53) 3-Nitroaniline	9.869	138	72162	30.942	ng	95
54) 2,4-Dinitrophenol	9.980	184	75570	63.032	ng	95
55) Dibenzofuran	10.116	168	589559	44.579	ng	100
56) 4-Nitrophenol	10.045	139	126559	79.571	ng	95
57) 2,4-Dinitrotoluene	10.104	165	135538	42.769	ng	97
58) Fluorene	10.457	166	451074	42.492	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	111103	45.422	ng	94
60) Diethylphthalate	10.328	149	487451	45.631	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	225357	43.258	ng	99
62) 4-Nitroaniline	10.480	138	89628	36.643	ng	95
63) Azobenzene	10.610	77	509524	50.367	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	52864	40.539	ng	97
66) n-Nitrosodiphenylamine	10.569	169	385012	51.018	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	128030	48.716	ng	98
68) Hexachlorobenzene	11.010	284	139613	45.879	ng	100
69) Atrazine	11.092	200	121776	57.360	ng	100
70) Pentachlorophenol	11.210	266	122981	91.823	ng	100
71) Phenanthrene	11.422	178	590720	48.156	ng	100
72) Anthracene	11.475	178	589395	49.119	ng	99
73) Carbazole	11.633	167	525152	45.494	ng	100
74) Di-n-butylphthalate	11.951	149	658069	49.380	ng	99
75) Fluoranthene	12.616	202	668736	50.211	ng	100
77) Benzidine	12.739	184	122379	26.501	ng	99
78) Pyrene	12.845	202	668279	45.506	ng	99
80) Butylbenzylphthalate	13.457	149	259631	49.076	ng	100
81) Benzo(a)anthracene	14.039	228	523597	49.801	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	124133	39.324	ng	98
83) Chrysene	14.074	228	450188	46.828	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	349154	52.267	ng	100
85) Di-n-octyl phthalate	14.633	149	507840	55.627	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	363109	44.604	ng	99
88) Benzo(b)fluoranthene	15.104	252	375811	47.897	ng	99
89) Benzo(k)fluoranthene	15.133	252	355927	51.838	ng	99
90) Benzo(a)pyrene	15.474	252	330722	51.841	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	298157	44.722	ng	100
92) Benzo(g,h,i)perylene	17.504	276	274518	40.351	ng	99

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

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