Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140647.D
Acq On : 26 Nov 2024 17:33
Operator : RC/JU
Sample : P4938-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 27 00:07:18 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	54214	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	200806	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	102941	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	186502	20.000	ng		0.00
76) Chrysene-d12	14.045	240	120857	20.000	ng		0.00
86) Perylene-d12	15.545	264	106006	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	449351	141.419	ng		0.00
7) Phenol-d6	6.510	99	563855	134.230	ng		0.00
23) Nitrobenzene-d5	7.434	82	374308	95.346	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	162089	147.225	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	691094	100.027	ng		-0.01
79) Terphenyl-d14	12.980	244	617360	79.541	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	53707	40.201	ng	#	82
3) Pyridine	3.475	79	75834	25.799	ng		99
4) n-Nitrosodimethylamine	3.381	42	73023	42.269	ng		92
6) Aniline	6.540	93	35069	11.861	ng	#	79
8) 2-Chlorophenol	6.663	128	163669	47.878	ng		95
9) Benzaldehyde	6.428	77	12447	5.597	ng		99
10) Phenol	6.522	94	198317	46.228	ng		87
11) bis(2-Chloroethyl)ether	6.604	93	151250	46.074	ng		99
12) 1,3-Dichlorobenzene	6.810	146	153693	40.012	ng		98
13) 1,4-Dichlorobenzene	6.887	146	156013	40.113	ng		100
14) 1,2-Dichlorobenzene	7.040	146	152371	41.809	ng		100
15) Benzyl Alcohol	7.016	79	138037	44.311	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	188237	48.537	ng		97
17) 2-Methylphenol	7.128	107	133911	48.936	ng		97
18) Hexachloroethane	7.381	117	55759	38.386	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	118607	47.776	ng		98
20) 3+4-Methylphenols	7.287	107	177288	50.405	ng	#	81
22) Acetophenone	7.275	105	230443	47.072	ng		95
24) Nitrobenzene	7.451	77	177114	43.652	ng		98
25) Isophorone	7.687	82	317704	48.520	ng		99
26) 2-Nitrophenol	7.769	139	86334	48.015	ng		96
27) 2,4-Dimethylphenol	7.804	122	131188m	60.979	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	186482	46.749	ng		99
29) 2,4-Dichlorophenol	8.016	162	141049	49.479	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	137230	42.161	ng		99
31) Naphthalene	8.175	128	480717	46.476	ng		99
32) Benzoic acid	7.922	122	85731	46.124	ng		98
33) 4-Chloroaniline	8.234	127	31501	10.172	ng		97
34) Hexachlorobutadiene	8.287	225	89086	41.322	ng		99
35) Caprolactam	8.581	113	39811	45.127	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	160860	50.399	ng		98
37) 2-Methylnaphthalene	8.863	142	312727	47.602	ng		100
38) 1-Methylnaphthalene	8.963	142	288339	44.776	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	150050	49.791	ng		99
41) Hexachlorocyclopentadiene	9.016	237	66051	95.912	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	100220	52.998	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108734	52.982	ng	98
46) 1,1'-Biphenyl	9.328	154	393128	51.151	ng	100
47) 2-Chloronaphthalene	9.351	162	291495	50.054	ng	99
48) 2-Nitroaniline	9.451	65	94995	50.820	ng	97
49) Acenaphthylene	9.769	152	482501	54.835	ng	100
50) Dimethylphthalate	9.628	163	358778	52.920	ng	100
51) 2,6-Dinitrotoluene	9.692	165	77189	50.201	ng	91
52) Acenaphthene	9.939	154	294228	52.627	ng	99
53) 3-Nitroaniline	9.863	138	15517	10.318	ng	98
54) 2,4-Dinitrophenol	9.981	184	71327	88.634	ng	92
55) Dibenzofuran	10.116	168	447398	52.463	ng	99
56) 4-Nitrophenol	10.039	139	108078	105.379	ng	89
57) 2,4-Dinitrotoluene	10.098	165	106072	51.907	ng	97
58) Fluorene	10.457	166	348793	50.955	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	90859	57.606	ng	92
60) Diethylphthalate	10.322	149	350884	50.940	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	171943	51.185	ng	97
62) 4-Nitroaniline	10.475	138	53289	33.786	ng	95
63) Azobenzene	10.604	77	322653	49.463	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	47163	49.487	ng	97
66) n-Nitrosodiphenylamine	10.563	169	259146	46.986	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	103046	53.651	ng	97
68) Hexachlorobenzene	11.004	284	111587	50.175	ng	96
69) Atrazine	11.092	200	69820	44.999	ng	100
70) Pentachlorophenol	11.210	266	110931	113.331	ng	99
71) Phenanthrene	11.422	178	474307	52.907	ng	100
72) Anthracene	11.475	178	489342	55.801	ng	100
73) Carbazole	11.633	167	420762	49.875	ng	100
74) Di-n-butylphthalate	11.951	149	524134	53.815	ng	100
75) Fluoranthene	12.616	202	478275	49.136	ng	99
77) Benzidine	12.739	184	50868	14.476	ng	99
78) Pyrene	12.845	202	470932	42.143	ng	99
80) Butylbenzylphthalate	13.457	149	191732	47.628	ng	99
81) Benzo(a)anthracene	14.033	228	442646	55.329	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	27115	11.289	ng	97
83) Chrysene	14.074	228	381278	52.120	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	258236	50.802	ng	99
85) Di-n-octyl phthalate	14.639	149	397686	57.248	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	285038	41.260	ng	98
88) Benzo(b)fluoranthene	15.104	252	371165	55.744	ng	100
89) Benzo(k)fluoranthene	15.133	252	328631	56.401	ng	99
90) Benzo(a)pyrene	15.480	252	305695	56.466	ng	99
91) Dibenzo(a,h)anthracene	17.063	278	236510	41.804	ng	99
92) Benzo(g,h,i)perylene	17.504	276	208004	36.029	ng	98

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

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