Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140791.D
Acq On : 09 Dec 2024 15:55
Operator : RC/JU
Sample : P5095-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 17:17:31 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	6.863	152	79701	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	316728	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	186143	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	339098	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	172761	20.000	ng		0.00
86) Perylene-d12	15.551	264	180382	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	599434	128.325	ng		0.01
7) Phenol-d6	6.516	99	729324	118.100	ng		0.00
23) Nitrobenzene-d5	7.428	82	546010	88.178	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	265944	133.586	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1114709	89.225	ng		-0.01
79) Terphenyl-d14	12.980	244	1111717	100.201	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	75712	38.550	ng	#	83
3) Pyridine	3.540	79	136197	31.518	ng		99
4) n-Nitrosodimethylamine	3.457	42	106649	41.992	ng		91
6) Aniline	6.534	93	70997	16.334	ng	#	1
8) 2-Chlorophenol	6.663	128	233366	46.436	ng		94
9) Benzaldehyde	6.428	77	9838	3.009	ng		95
10) Phenol	6.528	94	256450	40.663	ng		89
11) bis(2-Chloroethyl)ether	6.598	93	227172	47.072	ng		99
12) 1,3-Dichlorobenzene	6.804	146	221837	39.285	ng		98
13) 1,4-Dichlorobenzene	6.881	146	233191	40.784	ng		98
14) 1,2-Dichlorobenzene	7.034	146	223579	41.730	ng		99
15) Benzyl Alcohol	7.016	79	209652	45.779	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	268087	47.021	ng		64
17) 2-Methylphenol	7.134	107	186280	46.305	ng		94
18) Hexachloroethane	7.369	117	84181	39.420	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	174376	47.778	ng		95
20) 3+4-Methylphenols	7.287	107	250308	48.408	ng	#	74
22) Acetophenone	7.275	105	339568	43.976	ng	#	93
24) Nitrobenzene	7.451	77	262554	41.026	ng		97
25) Isophorone	7.687	82	472592	45.759	ng		100
26) 2-Nitrophenol	7.763	139	130576	46.041	ng		96
27) 2,4-Dimethylphenol	7.804	122	201987m	59.525	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	289953	46.084	ng		99
29) 2,4-Dichlorophenol	8.016	162	215461	47.919	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	212827	41.456	ng		99
31) Naphthalene	8.169	128	720847	44.185	ng		99
32) Benzoic acid	7.945	122	122093	42.344	ng		95
33) 4-Chloroaniline	8.234	127	47362	9.696	ng		98
34) Hexachlorobutadiene	8.281	225	139257	40.953	ng		100
35) Caprolactam	8.598	113	55425m	39.831	ng		
36) 4-Chloro-3-methylphenol	8.716	107	237890	47.254	ng		99
37) 2-Methylnaphthalene	8.857	142	491532	47.435	ng		100
38) 1-Methylnaphthalene	8.957	142	460226	45.311	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	240002	44.042	ng		99
41) Hexachlorocyclopentadiene	9.004	237	137561	109.360	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	154798	45.270	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	163723	44.118	ng	97
46) 1,1'-Biphenyl	9.322	154	639347	46.004	ng	100
47) 2-Chloronaphthalene	9.351	162	469433	44.578	ng	98
48) 2-Nitroaniline	9.451	65	153276	45.347	ng	97
49) Acenaphthylene	9.763	152	770695	48.438	ng	100
50) Dimethylphthalate	9.622	163	579964	47.308	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123946	44.579	ng	96
52) Acenaphthene	9.939	154	485059	47.980	ng	99
53) 3-Nitroaniline	9.869	138	39832	14.648	ng	95
54) 2,4-Dinitrophenol	9.986	184	126025	86.785	ng	91
55) Dibenzofuran	10.110	168	716174	46.443	ng	100
56) 4-Nitrophenol	10.051	139	133056	71.746	ng	94
57) 2,4-Dinitrotoluene	10.104	165	168894	45.707	ng	94
58) Fluorene	10.451	166	577835	46.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	142478	49.956	ng	90
60) Diethylphthalate	10.322	149	579329	46.511	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	283629	46.693	ng	98
62) 4-Nitroaniline	10.486	138	111966	39.258	ng	90
63) Azobenzene	10.604	77	540076	45.787	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	88121	50.854	ng	95
66) n-Nitrosodiphenylamine	10.563	169	456538	45.526	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	165214	47.310	ng	96
68) Hexachlorobenzene	11.004	284	184261	45.568	ng	98
69) Atrazine	11.092	200	100165	35.506	ng	98
70) Pentachlorophenol	11.210	266	156477	87.924	ng	98
71) Phenanthrene	11.422	178	808533	49.603	ng	99
72) Anthracene	11.475	178	818981	51.364	ng	99
73) Carbazole	11.633	167	652811	42.559	ng	100
74) Di-n-butylphthalate	11.951	149	850560	48.031	ng	99
75) Fluoranthene	12.610	202	782758	44.229	ng	99
77) Benzidine	12.751	184	9808m	1.953	ng	
78) Pyrene	12.845	202	787494	49.299	ng	99
80) Butylbenzylphthalate	13.451	149	300969	52.302	ng	99
81) Benzo(a)anthracene	14.039	228	555445	48.569	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	28273	8.234	ng	98
83) Chrysene	14.074	228	511582	48.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	371182	51.084	ng	99
85) Di-n-octyl phthalate	14.639	149	590749	59.490	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	461473	39.257	ng	97
88) Benzo(b)fluoranthene	15.110	252	578695	51.076	ng	99
89) Benzo(k)fluoranthene	15.139	252	501730	50.604	ng	99
90) Benzo(a)pyrene	15.486	252	502239	54.519	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	390036	40.514	ng	99
92) Benzo(g,h,i)perylene	17.527	276	301164	30.656	ng	98

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

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