Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
Data File : BF139745.D
Acq On : 10 Oct 2024 14:36
Operator : RC/JU
Sample : P4340-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 15:15:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82244	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	310062	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	171673	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	292411	20.000	ng	0.00
76) Chrysene-d12	14.033	240	165333	20.000	ng	0.00
86) Perylene-d12	15.504	264	171587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	629453	132.654	ng	0.02
7) Phenol-d6	6.510	99	787395	123.394	ng	0.00
23) Nitrobenzene-d5	7.434	82	577086	94.233	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	212414	128.175	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1020210	91.232	ng	0.00
79) Terphenyl-d14	12.974	244	897909	89.112	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	96430	47.005	ng	# 80
3) Pyridine	3.522	79	207231	41.535	ng	97
4) n-Nitrosodimethylamine	3.451	42	166832	51.083	ng	96
6) Aniline	6.534	93	112806	19.922	ng	# 21
8) 2-Chlorophenol	6.657	128	271483	53.401	ng	99
9) Benzaldehyde	6.422	77	32491	9.612	ng	99
10) Phenol	6.522	94	319537	47.623	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	275626	50.452	ng	99
12) 1,3-Dichlorobenzene	6.810	146	280157	48.986	ng	99
13) 1,4-Dichlorobenzene	6.887	146	281349	48.573	ng	99
14) 1,2-Dichlorobenzene	7.039	146	272594	50.214	ng	98
15) Benzyl Alcohol	7.016	79	261969	53.731	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	475917	50.321	ng	75
17) 2-Methylphenol	7.128	107	217217	51.181	ng	98
18) Hexachloroethane	7.381	117	101363	46.916	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	206350	50.299	ng	99
20) 3+4-Methylphenols	7.281	107	283880	53.253	ng	97
22) Acetophenone	7.281	105	380850	51.747	ng	96
24) Nitrobenzene	7.451	77	316457	49.903	ng	100
25) Isophorone	7.692	82	560674	51.547	ng	100
26) 2-Nitrophenol	7.769	139	144187	52.890	ng	98
27) 2,4-Dimethylphenol	7.804	122	217906	65.293	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	329756	50.770	ng	99
29) 2,4-Dichlorophenol	8.010	162	228860	52.574	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	238240	48.394	ng	99
31) Naphthalene	8.175	128	815169	51.420	ng	99
32) Benzoic acid	7.939	122	166422	50.149	ng	91
33) 4-Chloroaniline	8.228	127	34943	6.512	ng	99
34) Hexachlorobutadiene	8.286	225	151205	47.462	ng	100
35) Caprolactam	8.598	113	65874m	46.138	ng	
36) 4-Chloro-3-methylphenol	8.716	107	253179	51.379	ng	98
37) 2-Methylnaphthalene	8.863	142	529112	51.246	ng	99
38) 1-Methylnaphthalene	8.963	142	491062	48.657	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	248363	52.099	ng	99
41) Hexachlorocyclopentadiene	9.010	237	158976	108.759	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	168034	52.287	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	178911	51.624	ng	99
46) 1,1'-Biphenyl	9.328	154	655054	51.302	ng	100
47) 2-Chloronaphthalene	9.351	162	490302	51.222	ng	99
48) 2-Nitroaniline	9.451	65	181438	52.803	ng	99
49) Acenaphthylene	9.769	152	796945	54.746	ng	100
50) Dimethylphthalate	9.628	163	596117	53.045	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129596	51.050	ng	95
52) Acenaphthene	9.939	154	561053m	56.142	ng	
53) 3-Nitroaniline	9.863	138	49178	18.957	ng	96
54) 2,4-Dinitrophenol	9.975	184	129580	94.902	ng	96
55) Dibenzofuran	10.110	168	726571	51.927	ng	100
56) 4-Nitrophenol	10.033	139	181058	91.521	ng	96
57) 2,4-Dinitrotoluene	10.098	165	171371	51.645	ng	100
58) Fluorene	10.457	166	563999	50.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	150470	53.756	ng	96
60) Diethylphthalate	10.327	149	594358	51.205	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	273619	49.075	ng	97
62) 4-Nitroaniline	10.480	138	122197	46.050	ng	96
63) Azobenzene	10.604	77	603382	51.690	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	84689	51.281	ng	94
66) n-Nitrosodiphenylamine	10.569	169	488732	56.703	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	162832	54.312	ng	96
68) Hexachlorobenzene	11.004	284	175958	52.890	ng	98
69) Atrazine	11.092	200	137571	59.489	ng	100
70) Pentachlorophenol	11.204	266	197206	99.551	ng	99
71) Phenanthrene	11.422	178	747132	54.189	ng	100
72) Anthracene	11.469	178	766431	56.190	ng	99
73) Carbazole	11.627	167	667323	50.939	ng	100
74) Di-n-butylphthalate	11.951	149	857805	53.846	ng	100
75) Fluoranthene	12.610	202	695550	46.150	ng	100
77) Benzidine	12.733	184	46259	15.862	ng	98
78) Pyrene	12.839	202	699840	47.327	ng	100
80) Butylbenzylphthalate	13.451	149	275981	52.178	ng	97
81) Benzo(a)anthracene	14.021	228	603066	55.480	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	122568	36.844	ng	99
83) Chrysene	14.063	228	513209	51.641	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	359887	54.490	ng	99
85) Di-n-octyl phthalate	14.621	149	609682	62.834	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	481097	47.637	ng	99
88) Benzo(b)fluoranthene	15.080	252	558408	50.332	ng	99
89) Benzo(k)fluoranthene	15.110	252	500431	53.174	ng	100
90) Benzo(a)pyrene	15.445	252	499544	57.104	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	403852	48.213	ng	100
92) Benzo(g,h,i)perylene	17.433	276	342006	40.711	ng	99

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

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