Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139472.D
Acq On : 19 Sep 2024 19:20
Operator : RC/JU
Sample : P4015-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 20 01:37:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	88950	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	330651	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	167669	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	271500	20.000	ng		0.00
76) Chrysene-d12	14.033	240	133408	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	147512	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	583148	106.950	ng		0.02
7) Phenol-d6	6.516	99	769414	107.508	ng		0.01
23) Nitrobenzene-d5	7.445	82	523493	74.429	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	175202	98.150	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	929933	77.787	ng		0.00
79) Terphenyl-d14	12.980	244	615334	75.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	97764	44.691	ng		97
3) Pyridine	3.510	79	247060	51.224	ng		98
4) n-Nitrosodimethylamine	3.481	42	185093	44.276	ng		84
6) Aniline	6.539	93	276996	51.286	ng	#	66
8) 2-Chlorophenol	6.663	128	276263	49.221	ng		99
9) Benzaldehyde	6.428	77	53425	12.920	ng		97
10) Phenol	6.528	94	360631	49.475	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	265563	47.934	ng		99
12) 1,3-Dichlorobenzene	6.822	146	291145	45.611	ng		99
13) 1,4-Dichlorobenzene	6.898	146	298321	46.248	ng		99
14) 1,2-Dichlorobenzene	7.051	146	281656	46.210	ng		98
15) Benzyl Alcohol	7.022	79	272729	47.764	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	496197	58.116	ng		94
17) 2-Methylphenol	7.134	107	221750	49.727	ng		99
18) Hexachloroethane	7.392	117	107866	43.903	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	218151	51.438	ng		99
20) 3+4-Methylphenols	7.286	107	282966	46.510	ng		92
22) Acetophenone	7.292	105	392064	45.356	ng		97
24) Nitrobenzene	7.463	77	325546	44.972	ng		99
25) Isophorone	7.704	82	570740	51.310	ng		99
26) 2-Nitrophenol	7.781	139	137289	48.680	ng		92
27) 2,4-Dimethylphenol	7.816	122	221837	59.631	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	330510	52.135	ng		98
29) 2,4-Dichlorophenol	8.022	162	226939	48.019	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	247541	44.954	ng		99
31) Naphthalene	8.186	128	808020	46.809	ng		100
32) Benzoic acid	7.939	122	141283	40.582	ng		94
33) 4-Chloroaniline	8.228	127	109046	20.649	ng		98
34) Hexachlorobutadiene	8.298	225	168599	45.067	ng		99
35) Caprolactam	8.610	113	67621m	46.514	ng		
36) 4-Chloro-3-methylphenol	8.716	107	248470	46.003	ng		97
37) 2-Methylnaphthalene	8.875	142	520811	47.534	ng		99
38) 1-Methylnaphthalene	8.975	142	477336	44.375	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	251679	50.648	ng		99
41) Hexachlorocyclopentadiene	9.028	237	240026	138.341	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	163129	50.459	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	165967	48.668	ng	97
46) 1,1'-Biphenyl	9.339	154	644618	49.973	ng	99
47) 2-Chloronaphthalene	9.363	162	476021	49.356	ng	100
48) 2-Nitroaniline	9.457	65	179272	49.974	ng	97
49) Acenaphthylene	9.780	152	760181	52.361	ng	99
50) Dimethylphthalate	9.639	163	563915	51.242	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116959	47.975	ng	93
52) Acenaphthene	9.951	154	527389	52.048	ng	100
53) 3-Nitroaniline	9.869	138	81872	33.604	ng	93
54) 2,4-Dinitrophenol	9.975	184	112386	82.731	ng	88
55) Dibenzofuran	10.122	168	680522	48.185	ng	97
56) 4-Nitrophenol	10.033	139	173031	85.828	ng	85
57) 2,4-Dinitrotoluene	10.104	165	153159	46.533	ng	98
58) Fluorene	10.463	166	524698	45.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134847	47.801	ng	96
60) Diethylphthalate	10.339	149	565829	49.824	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	261924	46.771	ng	96
62) 4-Nitroaniline	10.486	138	108071	40.642	ng	90
63) Azobenzene	10.616	77	578594	51.800	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	69094	48.218	ng	95
66) n-Nitrosodiphenylamine	10.574	169	450307	56.730	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	149140	55.432	ng	98
68) Hexachlorobenzene	11.010	284	159165	50.406	ng	99
69) Atrazine	11.098	200	135995	71.966	ng	99
70) Pentachlorophenol	11.204	266	167555	88.433	ng	98
71) Phenanthrene	11.427	178	647752	49.451	ng	99
72) Anthracene	11.474	178	657117	51.309	ng	99
73) Carbazole	11.627	167	557559	45.487	ng	99
74) Di-n-butylphthalate	11.957	149	730042	53.465	ng	100
75) Fluoranthene	12.610	202	545737	39.014	ng	99
77) Benzidine	12.733	184	174635	91.368	ng	99
78) Pyrene	12.839	202	541003	47.229	ng	100
80) Butylbenzylphthalate	13.457	149	212107	54.400	ng	96
81) Benzo(a)anthracene	14.021	228	450193	50.945	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	121190	46.829	ng	99
83) Chrysene	14.062	228	406234	49.967	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	275007	55.444	ng	100
85) Di-n-octyl phthalate	14.621	149	467689	64.026	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	340519	38.821	ng	97
88) Benzo(b)fluoranthene	15.074	252	478487	52.595	ng	99
89) Benzo(k)fluoranthene	15.104	252	381090m	45.432	ng	
90) Benzo(a)pyrene	15.445	252	400991	53.146	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	291951	40.280	ng	98
92) Benzo(g,h,i)perylene	17.421	276	224501	31.283	ng	97

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

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