Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136439.D
Acq On : 06 Dec 2023 20:55
Operator : CG\JU
Sample : 05602-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 07 00:56:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	95548	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	333282	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	147024	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	282484	20.000	ng	0.00
76) Chrysene-d12	13.980	240	182789	20.000	ng	0.00
86) Perylene-d12	15.457	264	159793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	619165	95.701	ng	0.00
7) Phenol-d6	6.439	99	729527	90.376	ng	0.00
23) Nitrobenzene-d5	7.363	82	416163	67.504	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	181177	99.942	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	768228	71.298	ng	0.00
79) Terphenyl-d14	12.921	244	874102	63.029	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	104831	40.966	ng	99
3) Pyridine	3.357	79	250348	40.397	ng	97
4) n-Nitrosodimethylamine	3.322	42	125280	46.531	ng	99
6) Aniline	6.481	93	310107	38.014	ng	96
8) 2-Chlorophenol	6.587	128	310869	44.013	ng	98
9) Benzaldehyde	6.351	77	120432	27.371	ng	98
10) Phenol	6.457	94	378771	44.097	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	284267	44.400	ng	99
12) 1,3-Dichlorobenzene	6.739	146	326390	41.091	ng	97
13) 1,4-Dichlorobenzene	6.816	146	335150	41.594	ng	97
14) 1,2-Dichlorobenzene	6.969	146	311856	41.158	ng	99
15) Benzyl Alcohol	6.945	79	234631	43.407	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	348403	42.310	ng	97
17) 2-Methylphenol	7.057	107	229466	40.213	ng	98
18) Hexachloroethane	7.310	117	101656	36.135	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	189501	40.697	ng	98
20) 3+4-Methylphenols	7.210	107	284596	40.181	ng	91
22) Acetophenone	7.210	105	415596	50.498	ng	100
24) Nitrobenzene	7.381	77	281238	45.348	ng	98
25) Isophorone	7.616	82	507438	45.814	ng	100
26) 2-Nitrophenol	7.692	139	140824	46.188	ng	98
27) 2,4-Dimethylphenol	7.734	122	211312	56.207	ng	95
28) bis(2-Chloroethoxy)met...	7.828	93	326659	47.996	ng	100
29) 2,4-Dichlorophenol	7.939	162	225386	45.419	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	253361	43.786	ng	99
31) Naphthalene	8.098	128	809776	44.059	ng	99
32) Benzoic acid	7.857	122	162648	43.611	ng	98
33) 4-Chloroaniline	8.151	127	208400	31.805	ng	98
34) Hexachlorobutadiene	8.216	225	146831	42.817	ng	98
35) Caprolactam	8.516	113	69801m	45.676	ng	
36) 4-Chloro-3-methylphenol	8.633	107	221252	41.992	ng	98
37) 2-Methylnaphthalene	8.792	142	484971	41.477	ng	96
38) 1-Methylnaphthalene	8.892	142	461977	40.264	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	236919	51.795	ng	99
41) Hexachlorocyclopentadiene	8.939	237	61702	36.411	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	145552	48.870	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	155806	46.871	ng	98
46) 1,1'-Biphenyl	9.257	154	625328	49.985	ng	98
47) 2-Chloronaphthalene	9.281	162	462389	47.488	ng	99
48) 2-Nitroaniline	9.380	65	134378	51.456	ng	91
49) Acenaphthylene	9.698	152	701447	50.571	ng	99
50) Dimethylphthalate	9.557	163	517600	47.818	ng	99
51) 2,6-Dinitrotoluene	9.622	165	107893	44.306	ng	99
52) Acenaphthene	9.869	154	411359	46.280	ng	97
53) 3-Nitroaniline	9.792	138	117534	47.264	ng	97
54) 2,4-Dinitrophenol	9.898	184	43740	35.525	ng	92
55) Dibenzofuran	10.039	168	616326	47.465	ng	99
56) 4-Nitrophenol	9.957	139	189652	101.735	ng	99
57) 2,4-Dinitrotoluene	10.028	165	138678	43.048	ng	99
58) Fluorene	10.386	166	482064	46.248	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	129541	48.651	ng	100
60) Diethylphthalate	10.263	149	482361	45.318	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	231564	45.572	ng	93
62) 4-Nitroaniline	10.404	138	121581	49.239	ng	94
63) Azobenzene	10.539	77	437198	45.127	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	30867	17.644	ng	96
66) n-Nitrosodiphenylamine	10.498	169	421502	46.501	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	142511	43.391	ng	93
68) Hexachlorobenzene	10.933	284	169888	44.755	ng	96
69) Atrazine	11.033	200	134767	52.092	ng	98
70) Pentachlorophenol	11.133	266	194948	90.997	ng	99
71) Phenanthrene	11.351	178	740303	47.680	ng	100
72) Anthracene	11.404	178	767593	49.083	ng	98
73) Carbazole	11.563	167	674419	48.725	ng	99
74) Di-n-butylphthalate	11.898	149	769444	45.346	ng	100
75) Fluoranthene	12.545	202	790571	48.588	ng	99
77) Benzidine	12.674	184	456438	71.098	ng	98
78) Pyrene	12.774	202	805500	44.996	ng	99
80) Butylbenzylphthalate	13.404	149	318853	50.035	ng	98
81) Benzo(a)anthracene	13.968	228	598967	47.043	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	232004	64.989	ng	100
83) Chrysene	14.010	228	579113	46.229	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	405197	51.867	ng	98
85) Di-n-octyl phthalate	14.580	149	657433	56.972	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	435140	39.198	ng	99
88) Benzo(b)fluoranthene	15.027	252	491115	44.951	ng	99
89) Benzo(k)fluoranthene	15.057	252	465004	45.162	ng	99
90) Benzo(a)pyrene	15.398	252	410699	45.518	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	375827	41.325	ng	98
92) Benzo(g,h,i)perylene	17.427	276	333954	35.776	ng	100

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

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