Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134036.D
Acq On : 29 Jun 2023 14:45
Operator : CG\JU
Sample : 03357-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 15:15:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	114473	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	444557	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	227158	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	443946	20.000	ng	0.00
76) Chrysene-d12	14.045	240	233440	20.000	ng	0.00
86) Perylene-d12	15.545	264	226265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	696786	101.820	ng	0.02
7) Phenol-d6	6.492	99	819091	97.326	ng	0.00
23) Nitrobenzene-d5	7.410	82	635047	77.003	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	320412	112.500	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1182685	75.696	ng	0.00
79) Terphenyl-d14	12.980	244	1351282	93.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	86257	30.569	ng	# 79
3) Pyridine	3.551	79	202260	27.519	ng	98
4) n-Nitrosodimethylamine	3.487	42	156146	37.197	ng	95
6) Aniline	6.510	93	191998	18.748	ng	# 71
8) 2-Chlorophenol	6.633	128	270203	38.896	ng	98
9) Benzaldehyde	6.404	77	116277	22.274	ng	99
10) Phenol	6.504	94	295975	33.448	ng	95
11) bis(2-Chloroethyl)ether	6.586	93	251649	38.628	ng	98
12) 1,3-Dichlorobenzene	6.786	146	274249	37.030	ng	99
13) 1,4-Dichlorobenzene	6.863	146	279269	37.333	ng	99
14) 1,2-Dichlorobenzene	7.016	146	268177	38.279	ng	98
15) Benzyl Alcohol	6.992	79	263824	40.664	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	426663	37.020	ng	97
17) 2-Methylphenol	7.104	107	224983	36.167	ng	98
18) Hexachloroethane	7.351	117	104688	37.743	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	205243	38.456	ng	98
20) 3+4-Methylphenols	7.257	107	278346	36.883	ng	94
22) Acetophenone	7.257	105	390717	38.645	ng	98
24) Nitrobenzene	7.433	77	308930	37.070	ng	99
25) Isophorone	7.669	82	561103	37.436	ng	99
26) 2-Nitrophenol	7.745	139	153375	38.364	ng	95
27) 2,4-Dimethylphenol	7.786	122	253071	39.990	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	328158	37.812	ng	99
29) 2,4-Dichlorophenol	7.992	162	243781	38.848	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	242241	37.412	ng	98
31) Naphthalene	8.151	128	784287	36.523	ng	100
32) Benzoic acid	7.869	122	20002m	4.218	ng	
33) 4-Chloroaniline	8.198	127	157465	17.143	ng	99
34) Hexachlorobutadiene	8.263	225	152598	37.360	ng	99
35) Caprolactam	8.569	113	70783m	34.257	ng	
36) 4-Chloro-3-methylphenol	8.692	107	269955	38.294	ng	98
37) 2-Methylnaphthalene	8.845	142	544142	35.834	ng	100
38) 1-Methylnaphthalene	8.939	142	510321	36.150	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	252349	37.497	ng	99
41) Hexachlorocyclopentadiene	8.992	237	250844	78.566	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	177857	38.822	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	190127	35.281	ng		98
46) 1,1'-Biphenyl	9.310	154	688911	37.807	ng		99
47) 2-Chloronaphthalene	9.333	162	488907	36.671	ng		98
48) 2-Nitroaniline	9.433	65	188936	38.885	ng		99
49) Acenaphthylene	9.751	152	859102	37.722	ng		99
50) Dimethylphthalate	9.616	163	653638	39.640	ng		99
51) 2,6-Dinitrotoluene	9.674	165	142915	40.240	ng	#	87
52) Acenaphthene	9.922	154	505247	38.232	ng		98
53) 3-Nitroaniline	9.845	138	112035	26.295	ng		98
54) 2,4-Dinitrophenol	9.957	184	23737	14.878	ng		94
55) Dibenzofuran	10.098	168	783236	37.923	ng		99
56) 4-Nitrophenol	10.016	139	188683	63.310	ng		94
57) 2,4-Dinitrotoluene	10.086	165	184550	39.347	ng		95
58) Fluorene	10.439	166	622362	38.733	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	158517m	37.291	ng		
60) Diethylphthalate	10.316	149	669052	38.945	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	296198	38.252	ng		99
62) 4-Nitroaniline	10.463	138	145261	33.830	ng		91
63) Azobenzene	10.592	77	654606	40.283	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	27481	11.354	ng	#	74
66) n-Nitrosodiphenylamine	10.551	169	556152	39.209	ng		99
67) 4-Bromophenyl-phenylether	10.921	248	186404	39.504	ng	#	91
68) Hexachlorobenzene	10.992	284	212294	42.374	ng		92
69) Atrazine	11.086	200	180923	46.113	ng		98
70) Pentachlorophenol	11.186	266	126860	42.349	ng		97
71) Phenanthrene	11.410	178	861976	38.569	ng		100
72) Anthracene	11.463	178	899094	38.678	ng		100
73) Carbazole	11.616	167	820004	38.540	ng		99
74) Di-n-butylphthalate	11.945	149	1050514	41.519	ng		98
75) Fluoranthene	12.604	202	907376	37.555	ng		99
77) Benzidine	12.727	184	391572	70.496	ng		98
78) Pyrene	12.833	202	911023	41.935	ng		100
80) Butylbenzylphthalate	13.457	149	351143	43.097	ng		98
81) Benzo(a)anthracene	14.033	228	628861	38.844	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	144251	28.124	ng	#	99
83) Chrysene	14.068	228	588662	37.541	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	425082	45.404	ng		98
85) Di-n-octyl phthalate	14.639	149	644006	46.814	ng		99
87) Indeno(1,2,3-cd)pyrene	17.092	276	645667	41.124	ng		98
88) Benzo(b)fluoranthene	15.104	252	543354	40.840	ng		99
89) Benzo(k)fluoranthene	15.133	252	528916	39.046	ng		97
90) Benzo(a)pyrene	15.480	252	484064	37.625	ng		98
91) Dibenzo(a,h)anthracene	17.115	278	531779	41.467	ng		98
92) Benzo(g,h,i)perylene	17.568	276	521197	39.411	ng		98

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

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