Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134321.D
Acq On : 17 Jul 2023 18:10
Operator : CG\JU
Sample : 03615-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:14:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	68389	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	257305	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	124138	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	218864	20.000	ng	0.00
76) Chrysene-d12	14.033	240	132885	20.000	ng	0.00
86) Perylene-d12	15.533	264	107311	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	349877	85.579	ng	0.00
7) Phenol-d6	6.481	99	428786	85.281	ng	0.00
23) Nitrobenzene-d5	7.404	82	289417	60.633	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	135766	87.228	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	554995	65.001	ng	-0.01
79) Terphenyl-d14	12.963	244	541823	65.622	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	69235	41.071	ng	100
3) Pyridine	3.440	79	153163	34.881	ng	99
4) n-Nitrosodimethylamine	3.399	42	108683	43.337	ng	94
6) Aniline	6.504	93	224495	36.692	ng	94
8) 2-Chlorophenol	6.628	128	187677	45.221	ng	96
9) Benzaldehyde	6.393	77	118285	43.947	ng	96
10) Phenol	6.493	94	229404	43.395	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	165821	42.606	ng	98
12) 1,3-Dichlorobenzene	6.781	146	205630	46.474	ng	97
13) 1,4-Dichlorobenzene	6.857	146	208223	46.592	ng	99
14) 1,2-Dichlorobenzene	7.004	146	194995	46.589	ng	98
15) Benzyl Alcohol	6.987	79	173686	44.810	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	261440	37.970	ng	93
17) 2-Methylphenol	7.098	107	154839	41.663	ng	95
18) Hexachloroethane	7.345	117	73490	44.349	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	134606	42.216	ng	96
20) 3+4-Methylphenols	7.251	107	191173	42.402	ng	95
22) Acetophenone	7.245	105	268012	45.800	ng	96
24) Nitrobenzene	7.422	77	209581	43.450	ng	93
25) Isophorone	7.657	82	354275	40.838	ng	98
26) 2-Nitrophenol	7.734	139	92431	39.946	ng	92
27) 2,4-Dimethylphenol	7.775	122	162803	44.448	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	203270	40.467	ng	99
29) 2,4-Dichlorophenol	7.981	162	154250	42.469	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	168424	44.941	ng	98
31) Naphthalene	8.139	128	525375	42.271	ng	99
32) Benzoic acid	7.898	122	103094	37.562	ng	89
33) 4-Chloroaniline	8.192	127	144464	27.173	ng	98
34) Hexachlorobutadiene	8.251	225	108097	45.725	ng	99
35) Caprolactam	8.569	113	50691m	42.387	ng	
36) 4-Chloro-3-methylphenol	8.681	107	173388	42.495	ng	99
37) 2-Methylnaphthalene	8.834	142	345671	39.330	ng	98
38) 1-Methylnaphthalene	8.928	142	320907	39.276	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	169542	46.099	ng	98
41) Hexachlorocyclopentadiene	8.981	237	45361	25.998	ng	94
43) 2,4,6-Trichlorophenol	9.110	196	108267	43.244	ng	99

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44) 2,4,5-Trichlorophenol	9.157	196	116751	39.644	ng		97
46) 1,1'-Biphenyl	9.298	154	431818	43.364	ng		97
47) 2-Chloronaphthalene	9.322	162	323544	44.407	ng		97
48) 2-Nitroaniline	9.422	65	114046	42.950	ng		99
49) Acenaphthylene	9.739	152	521388	41.892	ng		99
50) Dimethylphthalate	9.598	163	387571	43.010	ng		99
51) 2,6-Dinitrotoluene	9.663	165	80261	41.353	ng	#	84
52) Acenaphthene	9.910	154	303822	42.070	ng		98
53) 3-Nitroaniline	9.839	138	88508	38.012	ng		100
54) 2,4-Dinitrophenol	9.951	184	19077	20.062	ng		96
55) Dibenzofuran	10.081	168	465886	41.278	ng		97
56) 4-Nitrophenol	10.010	139	114641	70.389	ng		93
57) 2,4-Dinitrotoluene	10.075	165	102764	40.093	ng		93
58) Fluorene	10.428	166	361739	41.196	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	91487	39.383	ng		98
60) Diethylphthalate	10.298	149	404321	43.067	ng		97
61) 4-Chlorophenyl-phenyle...	10.416	204	179249	42.359	ng		93
62) 4-Nitroaniline	10.457	138	83100	35.414	ng		93
63) Azobenzene	10.580	77	347789	39.163	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	16123	13.512	ng		90
66) n-Nitrosodiphenylamine	10.539	169	318182	45.502	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	103774	44.610	ng		92
68) Hexachlorobenzene	10.980	284	118435	47.951	ng	#	92
69) Atrazine	11.069	200	99066	51.217	ng		99
70) Pentachlorophenol	11.180	266	102960	69.717	ng		97
71) Phenanthrene	11.398	178	488437	44.331	ng		99
72) Anthracene	11.445	178	487256	42.518	ng		99
73) Carbazole	11.604	167	437125	41.673	ng		98
74) Di-n-butylphthalate	11.933	149	554980	44.491	ng		100
75) Fluoranthene	12.592	202	570867	47.926	ng		98
77) Benzidine	12.722	184	254740	80.565	ng		98
78) Pyrene	12.822	202	569839	46.078	ng		99
80) Butylbenzylphthalate	13.445	149	205174	44.236	ng		94
81) Benzo(a)anthracene	14.021	228	420675	45.647	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	136607	46.787	ng		99
83) Chrysene	14.063	228	397587	44.542	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	272206	51.076	ng		99
85) Di-n-octyl phthalate	14.627	149	403174	51.485	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	293250	39.382	ng	#	94
88) Benzo(b)fluoranthene	15.092	252	315937	50.069	ng		99
89) Benzo(k)fluoranthene	15.121	252	297498	46.307	ng		98
90) Benzo(a)pyrene	15.468	252	258282	42.330	ng		97
91) Dibenzo(a,h)anthracene	17.092	278	227190	37.354	ng		97
92) Benzo(g,h,i)perylene	17.545	276	223994	35.713	ng		96

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

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