Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
Data File : BF125238.D
Acq On : 26 Aug 2021 22:24
Operator : JU/CG
Sample : M3543-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPMSD

Manual Integrations APPROVED
mohammad
8/27/2021 5:07:18 PM

Quant Time: Aug 27 05:04:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	185286	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	660988	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	312627	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	501662	20.000	ng		0.00
76) Chrysene-d12	14.080	240	436224	20.000	ng		0.00
86) Perylene-d12	15.574	264	478715	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1147985	93.779	ng		0.01
7) Phenol-d6	6.540	99	1420635	89.732	ng		0.00
23) Nitrobenzene-d5	7.475	82	941891	71.739	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	327841	105.053	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	1527209	68.085	ng		0.00
79) Terphenyl-d14	13.021	244	1508658	55.096	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	252230	41.756	ng	#	100
3) Pyridine	3.534	79	555345	34.826	ng	#	91
4) n-Nitrosodimethylamine	3.487	42	310547	38.918	ng	#	30
6) Aniline	6.575	93	460664	24.771	ng	#	95
8) 2-Chlorophenol	6.698	128	500978	40.117	ng		82
9) Benzaldehyde	6.463	77	364234	32.782	ng		90
10) Phenol	6.551	94	678017	40.894	ng		98
11) bis(2-Chloroethyl)ether	6.645	93	551522	42.237	ng		88
12) 1,3-Dichlorobenzene	6.857	146	581610	40.191	ng		99
13) 1,4-Dichlorobenzene	6.934	146	594379	41.222	ng		100
14) 1,2-Dichlorobenzene	7.087	146	558709	41.186	ng		99
15) Benzyl Alcohol	7.051	79	464826	38.132	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1006598	38.439	ng		97
17) 2-Methylphenol	7.163	107	422218	40.249	ng		96
18) Hexachloroethane	7.428	117	206701	40.938	ng	#	86
19) n-Nitroso-di-n-propyla...	7.322	70	370178	38.873	ng	#	78
20) 3+4-Methylphenols	7.316	107	495655	37.640	ng	#	79
22) Acetophenone	7.322	105	722371	42.464	ng		94
24) Nitrobenzene	7.498	77	583498	40.786	ng		92
25) Isophorone	7.734	82	1003487	39.619	ng	#	89
26) 2-Nitrophenol	7.810	139	267088	46.755	ng	#	79
27) 2,4-Dimethylphenol	7.845	122	439692	43.966	ng		90
28) bis(2-Chloroethoxy)met...	7.945	93	626317	44.661	ng		97
29) 2,4-Dichlorophenol	8.051	162	408531	40.055	ng		96
30) 1,2,4-Trichlorobenzene	8.139	180	462253	41.563	ng		93
31) Naphthalene	8.222	128	1344717	39.724	ng		99
32) Benzoic acid	7.951	122	297329	43.804	ng	#	83
33) 4-Chloroaniline	8.263	127	154044	11.543	ng	#	90
34) Hexachlorobutadiene	8.334	225	294761	41.564	ng		99
35) Caprolactam	8.628	113	113848m	43.096	ng		
36) 4-Chloro-3-methylphenol	8.745	107	419054	40.247	ng		92
37) 2-Methylnaphthalene	8.910	142	896677	40.085	ng		98
38) 1-Methylnaphthalene	9.010	142	822460	39.373	ng		95
40) 1,2,4,5-Tetrachloroben...	9.075	216	439763	43.055	ng		97
41) Hexachlorocyclopentadiene	9.063	237	401156	74.755	ng		97
43) 2,4,6-Trichlorophenol	9.186	196	294760	40.985	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	294007	38.857	ng		95
46) 1,1'-Biphenyl	9.369	154	1005269	39.885	ng		97
47) 2-Chloronaphthalene	9.398	162	827810	40.417	ng		97
48) 2-Nitroaniline	9.492	65	284982	44.886	ng		86
49) Acenaphthylene	9.816	152	1216736	40.767	ng		98
50) Dimethylphthalate	9.669	163	943148	43.534	ng		97
51) 2,6-Dinitrotoluene	9.733	165	202759	43.161	ng		94
52) Acenaphthene	9.986	154	777011	41.995	ng		99
53) 3-Nitroaniline	9.898	138	122556	24.192	ng	#	75
54) 2,4-Dinitrophenol	10.004	184	142687	76.895	ng	#	81
55) Dibenzofuran	10.157	168	1026707	38.558	ng		97
56) 4-Nitrophenol	10.057	139	324285	80.833	ng	#	75
57) 2,4-Dinitrotoluene	10.133	165	252766	44.457	ng	#	96
58) Fluorene	10.498	166	776383	39.438	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	221620	39.469	ng	#	85
60) Diethylphthalate	10.369	149	885672	41.934	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	404109	40.600	ng	#	84
62) 4-Nitroaniline	10.510	138	163411	35.871	ng	#	80
63) Azobenzene	10.651	77	894055	37.739	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	93757	35.312	ng		92
66) n-Nitrosodiphenylamine	10.610	169	739204	41.152	ng		95
67) 4-Bromophenyl-phenylether	10.980	248	260087	43.175	ng		92
68) Hexachlorobenzene	11.045	284	266165	42.949	ng	#	88
69) Atrazine	11.133	200	230561	44.730	ng		89
70) Pentachlorophenol	11.239	266	312394	86.332	ng		91
71) Phenanthrene	11.463	178	1173255	42.445	ng		97
72) Anthracene	11.516	178	1155018	42.393	ng		99
73) Carbazole	11.669	167	1018800	40.920	ng		99
74) Di-n-butylphthalate	11.992	149	1289811	43.655	ng		100
75) Fluoranthene	12.651	202	1361627	49.645	ng		97
77) Benzidine	12.774	184	641905	42.133	ng		97
78) Pyrene	12.880	202	1406002	37.574	ng		96
80) Butylbenzylphthalate	13.498	149	579112	39.386	ng		95
81) Benzo(a)anthracene	14.068	228	1351200	42.990	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	410979	42.183	ng	#	97
83) Chrysene	14.110	228	1344718	43.262	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	874010	43.249	ng		99
85) Di-n-octyl phthalate	14.668	149	1541668	45.868	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	1203694	34.902	ng	#	92
88) Benzo(b)fluoranthene	15.139	252	1524083	43.578	ng	#	95
89) Benzo(k)fluoranthene	15.168	252	1341484	41.105	ng		99
90) Benzo(a)pyrene	15.515	252	1395571	45.173	ng	#	96
91) Dibenzo(a,h)anthracene	17.109	278	1017988	34.148	ng	#	96
92) Benzo(g,h,i)perylene	17.551	276	959998	33.398	ng	#	89

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

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