Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
Data File : BF127333.D
Acq On : 15 Mar 2022 19:42
Operator : CG\JU
Sample : N1890-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 05:30:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	81076	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	290319	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	173465	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	298294	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	176801	20.000	ng	#	0.00
86) Perylene-d12	15.527	264	186519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	596603	118.293	ng		0.02
7) Phenol-d6	6.510	99	763212	110.005	ng		0.00
23) Nitrobenzene-d5	7.439	82	618183	87.937	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	241448	129.301	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1050844	85.647	ng		0.00
79) Terphenyl-d14	12.986	244	1043970	101.677	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	97831	37.411	ng	#	73
3) Pyridine	3.534	79	227914	32.752	ng	#	75
4) n-Nitrosodimethylamine	3.487	42	170951	44.339	ng	#	61
6) Aniline	6.534	93	188790	22.769	ng	#	83
8) 2-Chlorophenol	6.657	128	253288	48.546	ng		92
9) Benzaldehyde	6.428	77	130866	34.337	ng		97
10) Phenol	6.522	94	304848	39.999	ng		85
11) bis(2-Chloroethyl)ether	6.604	93	284842	50.327	ng		89
12) 1,3-Dichlorobenzene	6.810	146	265314	45.301	ng		99
13) 1,4-Dichlorobenzene	6.887	146	267036	45.450	ng		98
14) 1,2-Dichlorobenzene	7.040	146	254923	46.100	ng		97
15) Benzyl Alcohol	7.016	79	245924	47.291	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.140	45	494881	46.593	ng		91
17) 2-Methylphenol	7.128	107	214170	48.286	ng	#	89
18) Hexachloroethane	7.375	117	103626	45.914	ng	#	84
19) n-Nitroso-di-n-propyla...	7.281	70	211088	48.755	ng	#	88
20) 3+4-Methylphenols	7.281	107	247504	43.027	ng	#	70
22) Acetophenone	7.281	105	359477	45.224	ng	#	87
24) Nitrobenzene	7.457	77	319967	48.123	ng		95
25) Isophorone	7.692	82	583026	51.578	ng	#	98
26) 2-Nitrophenol	7.769	139	129024	46.858	ng	#	73
27) 2,4-Dimethylphenol	7.804	122	224680	54.356	ng		91
28) bis(2-Chloroethoxy)met...	7.898	93	340209	47.500	ng		96
29) 2,4-Dichlorophenol	8.010	162	223907	47.300	ng		100
30) 1,2,4-Trichlorobenzene	8.092	180	252362	46.763	ng		98
31) Naphthalene	8.175	128	721193	46.568	ng		100
32) Benzoic acid	7.910	122	14746m	11.047	ng		
33) 4-Chloroaniline	8.222	127	63286	10.543	ng	#	91
34) Hexachlorobutadiene	8.281	225	161720	44.938	ng		95
35) Caprolactam	8.604	113	51997m	36.769	ng		
36) 4-Chloro-3-methylphenol	8.716	107	244933	47.740	ng		100
37) 2-Methylnaphthalene	8.863	142	489527	48.376	ng		97
38) 1-Methylnaphthalene	8.963	142	463887	47.684	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	257939	46.972	ng	#	94
41) Hexachlorocyclopentadiene	9.010	237	231388	99.423	ng		94
43) 2,4,6-Trichlorophenol	9.145	196	157242	45.369	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	175241	47.641	ng	#	88
46) 1,1'-Biphenyl	9.334	154	605001	46.211	ng		96
47) 2-Chloronaphthalene	9.357	162	471938	46.308	ng		99
48) 2-Nitroaniline	9.457	65	185055	47.194	ng		89
49) Acenaphthylene	9.775	152	755843	48.464	ng		99
50) Dimethylphthalate	9.633	163	590888	47.537	ng		99
51) 2,6-Dinitrotoluene	9.704	165	126813	50.436	ng		96
52) Acenaphthene	9.945	154	422382	45.434	ng		97
53) 3-Nitroaniline	9.869	138	60612	22.121	ng		95
54) 2,4-Dinitrophenol	9.981	184	38852	30.537	ng		93
55) Dibenzofuran	10.116	168	641234	44.398	ng		96
56) 4-Nitrophenol	10.045	139	131709	79.086	ng	#	74
57) 2,4-Dinitrotoluene	10.110	165	158373	47.874	ng	#	89
58) Fluorene	10.463	166	511852	45.704	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	147688	48.314	ng	#	77
60) Diethylphthalate	10.333	149	531524	46.880	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	276320	45.528	ng		89
62) 4-Nitroaniline	10.492	138	110670	40.533	ng	#	76
63) Azobenzene	10.610	77	595073	45.658	ng		88
65) 4,6-Dinitro-2-methylph...	10.516	198	46126	25.080	ng		83
66) n-Nitrosodiphenylamine	10.575	169	438807	47.366	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	172346	47.930	ng	#	89
68) Hexachlorobenzene	11.010	284	186994	47.717	ng	#	85
69) Atrazine	11.104	200	166360	52.040	ng		93
70) Pentachlorophenol	11.210	266	155768	98.448	ng		98
71) Phenanthrene	11.427	178	726783	46.155	ng		99
72) Anthracene	11.480	178	736056	47.200	ng		100
73) Carbazole	11.639	167	629268	42.850	ng		97
74) Di-n-butylphthalate	11.957	149	795453	46.310	ng		99
75) Fluoranthene	12.616	202	739777	42.017	ng		93
77) Benzidine	12.739	184	110084	24.485	ng		98
78) Pyrene	12.845	202	725542	52.686	ng		99
80) Butylbenzylphthalate	13.457	149	263656	49.747	ng	#	93
81) Benzo(a)anthracene	14.039	228	570649	47.936	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	91677	24.768	ng	#	95
83) Chrysene	14.074	228	523485	47.278	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	358812	50.293	ng	#	98
85) Di-n-octyl phthalate	14.627	149	595497	55.147	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	615703	54.796	ng	#	84
88) Benzo(b)fluoranthene	15.098	252	562633	45.955	ng	#	92
89) Benzo(k)fluoranthene	15.127	252	551449	47.903	ng	#	93
90) Benzo(a)pyrene	15.474	252	557097	57.785	ng	#	92
91) Dibenzo(a,h)anthracene	17.057	278	548655	58.669	ng	#	89
92) Benzo(g,h,i)perylene	17.504	276	532917	58.420	ng	#	83

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

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