Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125992.D
Acq On : 28 Oct 2021 16:53
Operator : JU/CG
Sample : M4388-01MS 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12002MS

Manual Integrations APPROVED
mohammad
10/29/2021 3:01:53 PM

Quant Time: Oct 29 10:40:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:01:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	169121	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	647288	20.000	ng	#	0.00
39) Acenaphthene-d10	9.898	164	339383	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	625366	20.000	ng		0.00
76) Chrysene-d12	14.021	240	385545	20.000	ng		0.00
86) Perylene-d12	15.486	264	307048	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	259765	22.879	ng		-0.01
7) Phenol-d6	6.475	99	320443	20.577	ng		-0.01
23) Nitrobenzene-d5	7.416	82	190209	15.179	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	67914	22.955	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	346083	18.033	ng		0.00
79) Terphenyl-d14	12.963	244	385750	16.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	38521	6.943	ng	#	100
3) Pyridine	3.357	79	88993	6.058	ng		88
4) n-Nitrosodimethylamine	3.269	42	61368	6.513	ng	#	45
6) Aniline	6.516	93	100794	5.495	ng	#	94
8) 2-Chlorophenol	6.639	128	111423	9.723	ng		81
9) Benzaldehyde	6.404	77	84038	9.018	ng		89
10) Phenol	6.492	94	146062m	9.727	ng		
11) bis(2-Chloroethyl)ether	6.586	93	119631	9.893	ng	#	80
12) 1,3-Dichlorobenzene	6.798	146	115319	9.109	ng		95
13) 1,4-Dichlorobenzene	6.875	146	118605	9.366	ng		94
14) 1,2-Dichlorobenzene	7.028	146	115416	9.402	ng		96
15) Benzyl Alcohol	6.992	79	102298	8.677	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.133	45	225077	7.600	ng		97
17) 2-Methylphenol	7.104	107	90593	9.152	ng		97
18) Hexachloroethane	7.375	117	33774	7.034	ng	#	85
19) n-Nitroso-di-n-propyla...	7.263	70	84824	9.534	ng	#	81
20) 3+4-Methylphenols	7.257	107	126610	10.006	ng	#	83
22) Acetophenone	7.263	105	163084	9.759	ng	#	91
24) Nitrobenzene	7.433	77	122181	9.443	ng		91
25) Isophorone	7.675	82	222980	9.344	ng	#	86
26) 2-Nitrophenol	7.757	139	45880	10.937	ng	#	85
27) 2,4-Dimethylphenol	7.786	122	96477	10.357	ng		86
28) bis(2-Chloroethoxy)met...	7.886	93	142524	9.519	ng	#	96
29) 2,4-Dichlorophenol	7.992	162	84482	9.252	ng		89
30) 1,2,4-Trichlorobenzene	8.081	180	97935	9.144	ng		97
31) Naphthalene	8.163	128	324437	9.857	ng		97
32) Benzoic acid	7.857	122	65789	13.006	ng		89
33) 4-Chloroaniline	8.210	127	75129	5.539	ng	#	93
34) Hexachlorobutadiene	8.286	225	59123	8.784	ng		97
35) Caprolactam	8.545	113	26850	8.982	ng	#	63
36) 4-Chloro-3-methylphenol	8.680	107	97012	9.078	ng		90
37) 2-Methylnaphthalene	8.851	142	217284	10.256	ng		89
38) 1-Methylnaphthalene	8.951	142	199896	9.776	ng		88
40) 1,2,4,5-Tetrachloroben...	9.022	216	96990	10.374	ng		94
41) Hexachlorocyclopentadiene	9.010	237	16336	3.235	ng		94
43) 2,4,6-Trichlorophenol	9.127	196	58754	9.208	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	63788	9.476	ng		96
46) 1,1'-Biphenyl	9.316	154	246012	9.897	ng		96
47) 2-Chloronaphthalene	9.339	162	176751	9.431	ng		96
48) 2-Nitroaniline	9.427	65	66875	9.990	ng	#	70
49) Acenaphthylene	9.757	152	301622	10.654	ng		98
50) Dimethylphthalate	9.610	163	206936	9.843	ng		97
51) 2,6-Dinitrotoluene	9.669	165	41100	9.912	ng	#	75
52) Acenaphthene	9.927	154	228623	12.426	ng		97
53) 3-Nitroaniline	9.839	138	40140	8.444	ng	#	76
54) 2,4-Dinitrophenol	9.945	184	11479	13.134	ng	#	84
55) Dibenzofuran	10.098	168	287772	10.472	ng		93
56) 4-Nitrophenol	9.992	139	74964	20.294	ng	#	69
57) 2,4-Dinitrotoluene	10.074	165	48546	9.532	ng	#	97
58) Fluorene	10.439	166	244689	10.698	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	51381	9.351	ng	#	90
60) Diethylphthalate	10.310	149	207365	9.670	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	97900	9.681	ng		89
62) 4-Nitroaniline	10.445	138	41767	9.576	ng	#	83
63) Azobenzene	10.592	77	226139	9.143	ng		92
65) 4,6-Dinitro-2-methylph...	10.480	198	10908	9.535	ng		94
66) n-Nitrosodiphenylamine	10.551	169	181391	9.684	ng		98
67) 4-Bromophenyl-phenylether	10.927	248	60420	9.044	ng		92
68) Hexachlorobenzene	10.992	284	64673	9.183	ng	#	89
69) Atrazine	11.080	200	59983	10.111	ng		94
70) Pentachlorophenol	11.186	266	74371	18.705	ng		94
71) Phenanthrene	11.410	178	1560923	48.103	ng		97
72) Anthracene	11.457	178	504907	15.584	ng		99
73) Carbazole	11.610	167	418003	13.572	ng		98
74) Di-n-butylphthalate	11.945	149	363897	11.090	ng		98
75) Fluoranthene	12.604	202	2643701	80.817	ng		97
78) Pyrene	12.833	202	2409158	67.146	ng		96
80) Butylbenzylphthalate	13.445	149	157103	13.461	ng		87
81) Benzo(a)anthracene	14.015	228	1010806	38.954	ng		97
82) 3,3'-Dichlorobenzidine	13.974	252	25924	3.151	ng	#	97
83) Chrysene	14.051	228	1131677	43.104	ng		97
84) Bis(2-ethylhexyl)phtha...	14.004	149	238782	18.885	ng		98
85) Di-n-octyl phthalate	14.615	149	323583	16.519	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	525569	23.760	ng	#	92
88) Benzo(b)fluoranthene	15.062	252	1118994	55.213	ng		96
89) Benzo(k)fluoranthene	15.092	252	482175m	24.768	ng		
90) Benzo(a)pyrene	15.427	252	738671	45.147	ng		97
91) Dibenzo(a,h)anthracene	16.962	278	223281	12.460	ng		97
92) Benzo(g,h,i)perylene	17.392	276	469698m	25.087	ng		

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

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