Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136578.D
Acq On : 14 Dec 2023 20:22
Operator : CG\JU
Sample : 05629-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 15 00:37:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	98493	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	382315	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	174311	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	291929	20.000	ng		0.00
76) Chrysene-d12	13.968	240	218437	20.000	ng		0.00
86) Perylene-d12	15.445	264	237774	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	789626	118.398	ng		0.03
7) Phenol-d6	6.445	99	891213	107.105	ng		0.01
23) Nitrobenzene-d5	7.351	82	618140	87.407	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	269570	125.424	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1221670	95.632	ng		0.00
79) Terphenyl-d14	12.910	244	1093599	65.988	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	103136	39.098	ng	#	83
3) Pyridine	3.469	79	182271	28.532	ng		93
4) n-Nitrosodimethylamine	3.404	42	118406	42.663	ng		97
6) Aniline	6.457	93	90283	10.736	ng	#	1
8) 2-Chlorophenol	6.581	128	312950	42.983	ng		99
10) Phenol	6.457	94	319396	36.073	ng		98
11) bis(2-Chloroethyl)ether	6.534	93	288776	43.755	ng		94
12) 1,3-Dichlorobenzene	6.728	146	323191	39.471	ng		96
13) 1,4-Dichlorobenzene	6.804	146	333373	40.136	ng		98
14) 1,2-Dichlorobenzene	6.957	146	313871	40.185	ng		98
15) Benzyl Alcohol	6.939	79	235162	42.205	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	337148	39.719	ng		90
17) 2-Methylphenol	7.057	107	235182	39.982	ng	#	91
18) Hexachloroethane	7.292	117	116767	40.266	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	200972	41.870	ng		100
20) 3+4-Methylphenols	7.204	107	295481	40.471	ng		99
22) Acetophenone	7.198	105	433880	45.958	ng	#	96
24) Nitrobenzene	7.375	77	300307	42.212	ng		92
25) Isophorone	7.610	82	539070	42.428	ng		97
26) 2-Nitrophenol	7.686	139	162549	46.476	ng		94
27) 2,4-Dimethylphenol	7.728	122	229551	53.228	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	345886	44.303	ng		97
29) 2,4-Dichlorophenol	7.933	162	244591	42.968	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	284028	42.790	ng		96
31) Naphthalene	8.092	128	1165488	55.281	ng		99
32) Benzoic acid	7.857	122	145159	33.930	ng		95
33) 4-Chloroaniline	8.139	127	24248	3.226	ng		96
34) Hexachlorobutadiene	8.204	225	165003	41.945	ng		97
35) Caprolactam	8.510	113	59805m	34.116	ng		
36) 4-Chloro-3-methylphenol	8.633	107	239315	39.595	ng		98
37) 2-Methylnaphthalene	8.780	142	582156	43.403	ng		94
38) 1-Methylnaphthalene	8.880	142	555814	42.229	ng		96
40) 1,2,4,5-Tetrachloroben...	8.945	216	280160	51.661	ng		99
41) Hexachlorocyclopentadiene	8.928	237	234030	116.485	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	165581	46.892	ng		99
44) 2,4,5-Trichlorophenol	9.110	196	170301	43.212	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.245	154	732916	49.414	ng		96
47) 2-Chloronaphthalene	9.269	162	527400	45.686	ng		97
48) 2-Nitroaniline	9.369	65	131867	42.590	ng		95
49) Acenaphthylene	9.686	152	793648	48.261	ng		98
50) Dimethylphthalate	9.551	163	611580	47.655	ng		99
51) 2,6-Dinitrotoluene	9.616	165	129668	44.912	ng		91
52) Acenaphthene	9.857	154	500560	47.500	ng		96
53) 3-Nitroaniline	9.780	138	36019	12.217	ng		98
54) 2,4-Dinitrophenol	9.892	184	100143	68.603	ng		92
55) Dibenzofuran	10.033	168	721931	46.895	ng		97
56) 4-Nitrophenol	9.963	139	164318	74.347	ng		91
57) 2,4-Dinitrotoluene	10.016	165	168742	44.181	ng		94
58) Fluorene	10.374	166	564108	45.648	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138671	43.927	ng		97
60) Diethylphthalate	10.251	149	561734	44.513	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	265807	44.122	ng		95
62) 4-Nitroaniline	10.398	138	102453	34.997	ng		95
63) Azobenzene	10.527	77	476837	41.513	ng		97
65) 4,6-Dinitro-2-methylph...	10.427	198	73673	40.749	ng		88
66) n-Nitrosodiphenylamine	10.492	169	452849	48.343	ng		97
67) 4-Bromophenyl-phenylether	10.857	248	161033	47.444	ng	#	90
68) Hexachlorobenzene	10.922	284	185108	47.187	ng		94
69) Atrazine	11.022	200	100790	37.698	ng		97
70) Pentachlorophenol	11.121	266	199418	90.072	ng		97
71) Phenanthrene	11.339	178	791616	49.335	ng		98
72) Anthracene	11.392	178	774429	47.918	ng		99
73) Carbazole	11.551	167	678774	47.453	ng		99
74) Di-n-butylphthalate	11.886	149	835110	47.624	ng		99
75) Fluoranthene	12.533	202	777553	46.241	ng		99
77) Benzidine	12.657	184	71991	20.738	ng		97
78) Pyrene	12.763	202	803728	37.570	ng		98
80) Butylbenzylphthalate	13.392	149	331615	43.545	ng		98
81) Benzo(a)anthracene	13.957	228	707411	46.493	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	117561	27.557	ng		100
83) Chrysene	13.992	228	675424	45.119	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	443201	47.473	ng		98
85) Di-n-octyl phthalate	14.568	149	778306	56.440	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	719998	43.587	ng		100
88) Benzo(b)fluoranthene	15.009	252	752057	46.260	ng		98
89) Benzo(k)fluoranthene	15.045	252	640513	41.806	ng		98
90) Benzo(a)pyrene	15.386	252	637402	47.475	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	599324	44.287	ng		99
92) Benzo(g,h,i)perylene	17.403	276	540116	38.885	ng		99

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

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