Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136757.D
Acq On : 27 Dec 2023 14:26
Operator : CG\JU
Sample : 05967-13MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0LT0MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 27 15:08:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	60631	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	224935	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	104762	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	179003	20.000	ng		0.00
76) Chrysene-d12	13.963	240	113608	20.000	ng		0.00
86) Perylene-d12	15.445	264	143829	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	128896	33.170	ng		0.00
7) Phenol-d6	6.428	99	90922	18.057	ng		-0.01
23) Nitrobenzene-d5	7.345	82	292736	66.595	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	104816	84.953	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	543396	69.764	ng		-0.01
79) Terphenyl-d14	12.904	244	478790	58.895	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	23791	14.694	ng		98
3) Pyridine	3.322	79	61537	15.577	ng		96
4) n-Nitrosodimethylamine	3.263	42	29039	13.765	ng	#	96
6) Aniline	6.445	93	73874	14.674	ng	#	86
8) 2-Chlorophenol	6.575	128	88950	20.917	ng		93
9) Benzaldehyde	6.340	77	39367	13.745	ng		93
10) Phenol	6.440	94	40025	7.446	ng		91
11) bis(2-Chloroethyl)ether	6.522	93	135857	33.236	ng		95
12) 1,3-Dichlorobenzene	6.722	146	150555	32.454	ng		99
13) 1,4-Dichlorobenzene	6.804	146	152199	32.110	ng		95
14) 1,2-Dichlorobenzene	6.951	146	145875	33.073	ng		99
15) Benzyl Alcohol	6.928	79	75637	22.266	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	219776	32.885	ng		99
17) 2-Methylphenol	7.045	107	58616	16.639	ng		98
18) Hexachloroethane	7.292	117	56077	32.576	ng		92
19) n-Nitroso-di-n-propyla...	7.192	70	99366	32.555	ng		99
20) 3+4-Methylphenols	7.198	107	63357	14.395	ng	#	85
22) Acetophenone	7.192	105	206777	36.676	ng	#	88
24) Nitrobenzene	7.363	77	143339	32.552	ng		96
25) Isophorone	7.598	82	266417	33.308	ng		98
26) 2-Nitrophenol	7.681	139	52621	24.977	ng		97
27) 2,4-Dimethylphenol	7.722	122	72148	28.129	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	164051	33.742	ng		98
29) 2,4-Dichlorophenol	7.928	162	78178	23.676	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	123406	33.542	ng		99
31) Naphthalene	8.081	128	407225	32.954	ng		99
32) Benzoic acid	7.798	122	10932m	4.405	ng		
33) 4-Chloroaniline	8.134	127	55594	12.185	ng		96
34) Hexachlorobutadiene	8.198	225	74070	33.137	ng		98
35) Caprolactam	8.481	113	5629	5.167	ng	#	79
36) 4-Chloro-3-methylphenol	8.622	107	74257	19.976	ng		99
37) 2-Methylnaphthalene	8.775	142	254182	31.961	ng		100
38) 1-Methylnaphthalene	8.875	142	243652	31.228	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	126770	39.073	ng		99
41) Hexachlorocyclopentadiene	8.928	237	93529	89.775	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	53155	25.547	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	55054	23.744	ng		99
46) 1,1'-Biphenyl	9.239	154	323735	36.825	ng		100
47) 2-Chloronaphthalene	9.263	162	238792	35.730	ng		100
48) 2-Nitroaniline	9.363	65	71210	34.026	ng		98
49) Acenaphthylene	9.681	152	384372	37.628	ng		99
50) Dimethylphthalate	9.539	163	257303	33.625	ng		99
51) 2,6-Dinitrotoluene	9.604	165	56827	32.722	ng	#	85
52) Acenaphthene	9.851	154	213613	33.735	ng		99
53) 3-Nitroaniline	9.775	138	30488	16.573	ng		95
54) 2,4-Dinitrophenol	9.886	184	28588	32.050	ng	#	75
55) Dibenzofuran	10.028	168	334255	34.823	ng		97
56) 4-Nitrophenol	9.957	139	13628	10.974	ng	#	84
57) 2,4-Dinitrotoluene	10.010	165	71032	31.507	ng		98
58) Fluorene	10.369	166	258811	33.982	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	39105	21.909	ng	#	98
60) Diethylphthalate	10.239	149	257086	32.381	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	126319	34.122	ng		92
62) 4-Nitroaniline	10.392	138	49253m	27.772	ng		
63) Azobenzene	10.522	77	239654	32.318	ng		99
65) 4,6-Dinitro-2-methylph...	10.422	198	21301	20.764	ng		94
66) n-Nitrosodiphenylamine	10.480	169	218848	37.636	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	72006	36.221	ng		97
68) Hexachlorobenzene	10.916	284	79878	36.056	ng		96
69) Atrazine	11.016	200	65950	44.343	ng		96
70) Pentachlorophenol	11.116	266	40189	38.919	ng		95
71) Phenanthrene	11.333	178	328970	35.817	ng		98
72) Anthracene	11.386	178	326406	35.091	ng		99
73) Carbazole	11.545	167	286173	32.632	ng		99
74) Di-n-butylphthalate	11.874	149	374919	35.035	ng		100
75) Fluoranthene	12.527	202	308353	31.386	ng		99
77) Benzidine	12.657	184	98185	29.311	ng		99
78) Pyrene	12.757	202	312622	28.031	ng		100
80) Butylbenzylphthalate	13.386	149	131044	32.292	ng		95
81) Benzo(a)anthracene	13.957	228	271532	34.420	ng		98
82) 3,3'-Dichlorobenzidine	13.916	252	49633	22.154	ng	#	99
83) Chrysene	13.992	228	254554	32.997	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	180235	35.300	ng		97
85) Di-n-octyl phthalate	14.563	149	325170	41.171	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	361990	34.858	ng		99
88) Benzo(b)fluoranthene	15.010	252	306630	31.919	ng		98
89) Benzo(k)fluoranthene	15.039	252	267047	29.419	ng		99
90) Benzo(a)pyrene	15.380	252	267596	33.000	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	303792	35.658	ng		99
92) Benzo(g,h,i)perylene	17.404	276	277775	31.834	ng		99

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

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