Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136808.D
Acq On : 28 Dec 2023 22:54
Operator : CG\JU
Sample : 05914-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 28 23:32:34 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

Instrument :
BNA_F
ClientSampleId :
72-12000MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	80448	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	308408	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	151602	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	251276	20.000	ng		0.00
76) Chrysene-d12	13.969	240	147736	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	166908	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	481230	93.334	ng		0.00
7) Phenol-d6	6.434	99	607097	90.870	ng		0.00
23) Nitrobenzene-d5	7.345	82	380014	63.052	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	150745	84.430	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	739816	65.635	ng		-0.01
79) Terphenyl-d14	12.904	244	564207	53.370	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	75141	34.977	ng		98
3) Pyridine	3.363	79	182321	34.784	ng		97
4) n-Nitrosodimethylamine	3.334	42	112281	40.113	ng		100
6) Aniline	6.451	93	206149	30.863	ng	#	45
8) 2-Chlorophenol	6.575	128	231974	41.113	ng		94
9) Benzaldehyde	6.334	77	60761	15.989	ng		96
10) Phenol	6.446	94	278450	39.043	ng		93
11) bis(2-Chloroethyl)ether	6.522	93	218362	40.260	ng		99
12) 1,3-Dichlorobenzene	6.722	146	234449	38.089	ng		99
13) 1,4-Dichlorobenzene	6.798	146	242766	38.600	ng		99
14) 1,2-Dichlorobenzene	6.951	146	226031	38.623	ng		99
15) Benzyl Alcohol	6.934	79	190130	42.184	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	342251	38.596	ng		89
17) 2-Methylphenol	7.045	107	183152	39.183	ng		97
18) Hexachloroethane	7.287	117	86084	37.689	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	158111	39.041	ng		99
20) 3+4-Methylphenols	7.198	107	227263	38.917	ng	#	83
22) Acetophenone	7.193	105	324075	41.923	ng	#	92
24) Nitrobenzene	7.369	77	236207	39.124	ng		94
25) Isophorone	7.604	82	425294	38.780	ng		99
26) 2-Nitrophenol	7.681	139	120975	41.880	ng		97
27) 2,4-Dimethylphenol	7.722	122	169766	48.274	ng		96
28) bis(2-Chloroethoxy)met...	7.816	93	268475	40.274	ng		98
29) 2,4-Dichlorophenol	7.928	162	186223	41.132	ng		95
30) 1,2,4-Trichlorobenzene	8.004	180	196257	38.906	ng		98
31) Naphthalene	8.081	128	659393	38.918	ng		100
32) Benzoic acid	7.863	122	120381	35.379	ng		94
33) 4-Chloroaniline	8.134	127	108658	17.369	ng		97
34) Hexachlorobutadiene	8.198	225	116864	38.131	ng		98
35) Caprolactam	8.516	113	60193m	40.301	ng		
36) 4-Chloro-3-methylphenol	8.628	107	199375	39.117	ng		100
37) 2-Methylnaphthalene	8.775	142	420566	38.570	ng		98
38) 1-Methylnaphthalene	8.875	142	401536	37.534	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	204942	43.651	ng		99
41) Hexachlorocyclopentadiene	8.922	237	105396	70.993	ng		100
43) 2,4,6-Trichlorophenol	9.057	196	127146	42.227	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	135590	40.410	ng	97
46) 1,1'-Biphenyl	9.239	154	548492	43.115	ng	99
47) 2-Chloronaphthalene	9.263	162	392217	40.555	ng	100
48) 2-Nitroaniline	9.369	65	125235	41.352	ng	92
49) Acenaphthylene	9.681	152	640572	43.333	ng	99
50) Dimethylphthalate	9.545	163	460014	41.542	ng	99
51) 2,6-Dinitrotoluene	9.610	165	99095	39.431	ng	90
52) Acenaphthene	9.851	154	369275	40.299	ng	98
53) 3-Nitroaniline	9.781	138	80672	30.303	ng	90
54) 2,4-Dinitrophenol	9.892	184	67453	49.903	ng	89
55) Dibenzofuran	10.028	168	550287	39.617	ng	98
56) 4-Nitrophenol	9.957	139	120604	67.109	ng	98
57) 2,4-Dinitrotoluene	10.016	165	120637	36.977	ng	99
58) Fluorene	10.369	166	433246	39.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	104986	40.647	ng	96
60) Diethylphthalate	10.245	149	454334	39.544	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	204841	38.237	ng	94
62) 4-Nitroaniline	10.398	138	84745m	33.021	ng	
63) Azobenzene	10.522	77	410381	38.242	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	50183	34.848	ng	92
66) n-Nitrosodiphenylamine	10.486	169	373959	45.814	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	124152	44.489	ng	96
68) Hexachlorobenzene	10.916	284	131447	42.268	ng	98
69) Atrazine	11.016	200	112383	53.830	ng	99
70) Pentachlorophenol	11.116	266	102700	70.849	ng	97
71) Phenanthrene	11.333	178	607866	47.146	ng	99
72) Anthracene	11.386	178	548333	41.994	ng	99
73) Carbazole	11.545	167	474940	38.580	ng	100
74) Di-n-butylphthalate	11.875	149	639655	42.581	ng	99
75) Fluoranthene	12.528	202	625072	45.324	ng	97
77) Benzidine	12.651	184	115831	26.591	ng	99
78) Pyrene	12.757	202	613185	42.281	ng	99
80) Butylbenzylphthalate	13.380	149	202249	38.326	ng	95
81) Benzo(a)anthracene	13.957	228	488112	47.581	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	129413	44.420	ng	99
83) Chrysene	13.992	228	463708	46.223	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	291658	43.927	ng	99
85) Di-n-octyl phthalate	14.563	149	518812	50.515	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	456475	37.879	ng	99
88) Benzo(b)fluoranthene	15.016	252	513871	46.096	ng	99
89) Benzo(k)fluoranthene	15.045	252	431108	40.926	ng	98
90) Benzo(a)pyrene	15.386	252	424815	45.145	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	368789	37.302	ng	96
92) Benzo(g,h,i)perylene	17.410	276	356397	35.196	ng	99

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

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