Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134847.D
Acq On : 18 Aug 2023 18:45
Operator : CG\JU
Sample : 04020-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 19 01:44:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	135220	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	533782	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	248648	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	350433	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	254188	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	183502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1009368	113.470	ng	0.02
7) Phenol-d6	6.440	99	1186735	104.364	ng	0.00
23) Nitrobenzene-d5	7.357	82	882261	103.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	314645	124.134	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1496415	100.064	ng	-0.01
79) Terphenyl-d14	12.910	244	1207045	83.712	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	155322	37.950	ng	# 79
3) Pyridine	3.457	79	368478	33.225	ng	89
4) n-Nitrosodimethylamine	3.399	42	209829	39.597	ng	# 60
6) Aniline	6.463	93	163167	10.940	ng	92
8) 2-Chlorophenol	6.581	128	443585	49.434	ng	96
9) Benzaldehyde	6.351	77	149568	23.474	ng	95
10) Phenol	6.451	94	442843	39.519	ng	82
11) bis(2-Chloroethyl)ether	6.540	93	421545	47.355	ng	90
12) 1,3-Dichlorobenzene	6.740	146	461412m	49.699	ng	
13) 1,4-Dichlorobenzene	6.816	146	464730	49.946	ng	96
14) 1,2-Dichlorobenzene	6.963	146	444697	51.294	ng	96
15) Benzyl Alcohol	6.940	79	376495	47.994	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	622322	44.623	ng	92
17) 2-Methylphenol	7.051	107	342354	43.175	ng	95
18) Hexachloroethane	7.304	117	163501	50.066	ng	93
19) n-Nitroso-di-n-propyla...	7.210	70	293357	43.089	ng	91
20) 3+4-Methylphenols	7.204	107	393237	41.121	ng	95
22) Acetophenone	7.204	105	557147	45.213	ng	# 90
24) Nitrobenzene	7.375	77	454393	49.242	ng	97
25) Isophorone	7.616	82	823990	44.229	ng	100
26) 2-Nitrophenol	7.692	139	231003	57.748	ng	# 88
27) 2,4-Dimethylphenol	7.728	122	352582	42.416	ng	87
28) bis(2-Chloroethoxy)met...	7.828	93	513423	46.070	ng	99
29) 2,4-Dichlorophenol	7.934	162	362696	48.074	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	400697	49.805	ng	98
31) Naphthalene	8.092	128	1230754	45.878	ng	98
32) Benzoic acid	7.845	122	197890	38.381	ng	92
33) 4-Chloroaniline	8.140	127	61911	5.179	ng	98
34) Hexachlorobutadiene	8.210	225	231939	49.980	ng	96
35) Caprolactam	8.516	113	96116m	39.488	ng	
36) 4-Chloro-3-methylphenol	8.634	107	371703	46.521	ng	93
37) 2-Methylnaphthalene	8.787	142	777108	43.702	ng	100
38) 1-Methylnaphthalene	8.887	142	741852	44.865	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	380347	52.603	ng	99
41) Hexachlorocyclopentadiene	8.934	237	125676	35.743	ng	93
43) 2,4,6-Trichlorophenol	9.069	196	247753	52.356	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	257407	47.595	ng		91
46)	1,1'-Biphenyl	9.251	154	981464	50.759	ng		98
47)	2-Chloronaphthalene	9.275	162	732294	50.544	ng		99
48)	2-Nitroaniline	9.375	65	223504	49.384	ng		88
49)	Acenaphthylene	9.692	152	1103478	48.454	ng		99
50)	Dimethylphthalate	9.557	163	896405	52.894	ng		99
51)	2,6-Dinitrotoluene	9.622	165	192196	54.969	ng	#	72
52)	Acenaphthene	9.863	154	656807	44.504	ng		98
53)	3-Nitroaniline	9.781	138	85675	22.681	ng		91
54)	2,4-Dinitrophenol	9.892	184	58852	51.381	ng		91
55)	Dibenzofuran	10.034	168	952068	45.316	ng		97
56)	4-Nitrophenol	9.951	139	220150	71.260	ng	#	78
57)	2,4-Dinitrotoluene	10.022	165	218669	51.893	ng	#	89
58)	Fluorene	10.381	166	678004	44.305	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.157	232	196603	45.949	ng		97
60)	Diethylphthalate	10.257	149	787968	49.053	ng		96
61)	4-Chlorophenyl-phenyle...	10.375	204	354264	47.098	ng		93
62)	4-Nitroaniline	10.398	138	147826	39.927	ng		86
63)	Azobenzene	10.533	77	717173	41.554	ng		97
65)	4,6-Dinitro-2-methylph...	10.428	198	51660	38.562	ng		93
66)	n-Nitrosodiphenylamine	10.492	169	636654	57.078	ng		99
67)	4-Bromophenyl-phenylether	10.863	248	221143	57.647	ng		95
68)	Hexachlorobenzene	10.928	284	220279	54.378	ng		95
69)	Atrazine	11.022	200	202159	67.243	ng		96
70)	Pentachlorophenol	11.122	266	188603	75.195	ng		96
71)	Phenanthrene	11.345	178	874065	46.958	ng		99
72)	Anthracene	11.392	178	892366	46.935	ng		99
73)	Carbazole	11.551	167	752245	44.312	ng		99
74)	Di-n-butylphthalate	11.886	149	963135	53.403	ng		99
75)	Fluoranthene	12.533	202	846243	43.040	ng		96
77)	Benzidine	12.657	184	181259	32.849	ng		99
78)	Pyrene	12.763	202	890676	40.494	ng		98
80)	Butylbenzylphthalate	13.392	149	339884	45.698	ng	#	97
81)	Benzo(a)anthracene	13.957	228	802589	44.157	ng		99
82)	3,3'-Dichlorobenzidine	13.922	252	144457	27.419	ng	#	98
83)	Chrysene	13.998	228	780555	44.080	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.957	149	415601	47.483	ng		99
85)	Di-n-octyl phthalate	14.574	149	813092	61.089	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.921	276	496408	45.997	ng	#	92
88)	Benzo(b)fluoranthene	15.010	252	641436	57.314	ng	#	98
89)	Benzo(k)fluoranthene	15.039	252	591754m	53.078	ng		
90)	Benzo(a)pyrene	15.374	252	486904	46.661	ng	#	98
91)	Dibenzo(a,h)anthracene	16.945	278	408757	46.866	ng	#	96
92)	Benzo(g,h,i)perylene	17.374	276	401248	45.100	ng	#	93

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

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