Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
Data File : BF135160.D
Acq On : 11 Sep 2023 13:16
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 12 00:06:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:05:33 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	104623	20.000	ng		0.00
21) Naphthalene-d8	8.040	136	429884	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	226579	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	447529	20.000	ng		0.00
76) Chrysene-d12	13.945	240	274021	20.000	ng		0.00
86) Perylene-d12	15.404	264	228596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	67558	10.502	ng		0.00
7) Phenol-d6	6.393	99	87089	10.647	ng		-0.01
23) Nitrobenzene-d5	7.322	82	80183	10.134	ng		-0.01
42) 2,4,6-Tribromophenol	10.586	330	23113	10.265	ng		-0.01
45) 2-Fluorobiphenyl	9.116	172	173412	11.547	ng		-0.01
79) Terphenyl-d14	12.880	244	181989	10.295	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	14076	4.992	ng		98
3) Pyridine	3.240	79	35159	4.633	ng		92
4) n-Nitrosodimethylamine	3.169	42	18262m	4.534	ng		
6) Aniline	6.428	93	55961	5.217	ng		97
8) 2-Chlorophenol	6.546	128	35955	5.236	ng		96
9) Benzaldehyde	6.316	77	27991	6.007	ng		98
10) Phenol	6.410	94	47355	5.280	ng		86
11) bis(2-Chloroethyl)ether	6.498	93	34678	5.154	ng		98
12) 1,3-Dichlorobenzene	6.704	146	35744	5.122	ng		97
13) 1,4-Dichlorobenzene	6.781	146	37709	5.311	ng		95
14) 1,2-Dichlorobenzene	6.928	146	36151	5.483	ng		95
15) Benzyl Alcohol	6.904	79	30335	5.168	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	67211	5.300	ng		99
17) 2-Methylphenol	7.016	107	32157	5.307	ng		98
18) Hexachloroethane	7.269	117	13685	5.216	ng		91
19) n-Nitroso-di-n-propyla...	7.169	70	26814	5.293	ng		98
20) 3+4-Methylphenols	7.169	107	41383	5.679	ng	#	79
22) Acetophenone	7.169	105	53117	5.405	ng		96
24) Nitrobenzene	7.340	77	38580	4.933	ng		98
25) Isophorone	7.581	82	71840	4.944	ng		100
26) 2-Nitrophenol	7.657	139	17037	4.539	ng	#	92
27) 2,4-Dimethylphenol	7.698	122	31370	4.972	ng		97
28) bis(2-Chloroethoxy)met...	7.793	93	45186	5.196	ng		100
29) 2,4-Dichlorophenol	7.898	162	29134	4.983	ng		95
30) 1,2,4-Trichlorobenzene	7.981	180	31200	5.106	ng		98
31) Naphthalene	8.063	128	110617	5.296	ng		99
32) Benzoic acid	7.763	122	18954m	4.028	ng		
33) 4-Chloroaniline	8.116	127	47266	5.158	ng		98
34) Hexachlorobutadiene	8.181	225	19083	5.179	ng		98
35) Caprolactam	8.445	113	9336	4.759	ng		94
36) 4-Chloro-3-methylphenol	8.598	107	32880	5.060	ng		96
37) 2-Methylnaphthalene	8.757	142	75695	5.391	ng		99
38) 1-Methylnaphthalene	8.851	142	70104	5.333	ng		97
40) 1,2,4,5-Tetrachloroben...	8.922	216	33949	5.172	ng		99
43) 2,4,6-Trichlorophenol	9.034	196	21322	4.961	ng		97
44) 2,4,5-Trichlorophenol	9.075	196	25336	5.119	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.222	154	92910	5.336	ng	99
47) 2-Chloronaphthalene	9.245	162	66759	5.284	ng	97
48) 2-Nitroaniline	9.339	65	22706	4.626	ng	92
49) Acenaphthylene	9.657	152	112114	5.340	ng	98
50) Dimethylphthalate	9.522	163	79963	5.220	ng	100
51) 2,6-Dinitrotoluene	9.587	165	16758	4.994	ng	86
52) Acenaphthene	9.828	154	65984	5.320	ng	97
53) 3-Nitroaniline	9.751	138	18861	4.788	ng	98
55) Dibenzofuran	10.004	168	105187	5.557	ng	99
56) 4-Nitrophenol	9.922	139	9945	3.972	ng	97
57) 2,4-Dinitrotoluene	9.992	165	21099	5.022	ng	91
58) Fluorene	10.345	166	81877	5.627	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.122	232	18950	4.977	ng	96
60) Diethylphthalate	10.222	149	81109	5.276	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	39470	5.647	ng	99
62) 4-Nitroaniline	10.363	138	17735	4.684	ng	98
63) Azobenzene	10.504	77	78050	5.187	ng	98
66) n-Nitrosodiphenylamine	10.457	169	71017	5.242	ng	97
67) 4-Bromophenyl-phenylether	10.834	248	22544	5.065	ng	97
68) Hexachlorobenzene	10.898	284	22966	5.065	ng	96
69) Atrazine	10.986	200	19750	5.417	ng	97
70) Pentachlorophenol	11.092	266	11170m	4.127	ng	
71) Phenanthrene	11.310	178	114527	5.411	ng	98
72) Anthracene	11.363	178	116935	5.375	ng	99
73) Carbazole	11.522	167	104217	5.262	ng	98
74) Di-n-butylphthalate	11.857	149	122190	5.236	ng	99
75) Fluoranthene	12.504	202	120071	5.444	ng	99
78) Pyrene	12.733	202	123898	4.749	ng	99
80) Butylbenzylphthalate	13.363	149	40874	4.450	ng	94
81) Benzo(a)anthracene	13.933	228	89896	5.081	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	25332	4.583	ng	99
83) Chrysene	13.969	228	86639	4.925	ng	97
84) Bis(2-ethylhexyl)phtha...	13.927	149	44146	4.683	ng	98
85) Di-n-octyl phthalate	14.545	149	61626	4.114	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	66957	4.467	ng	98
88) Benzo(b)fluoranthene	14.980	252	62203	5.027	ng	97
89) Benzo(k)fluoranthene	15.004	252	61628	5.042	ng	98
90) Benzo(a)pyrene	15.339	252	55737	4.723	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	56845	4.635	ng	99
92) Benzo(g,h,i)perylene	17.315	276	57340	4.477	ng	98

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

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