Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138978.D
Acq On : 13 Aug 2024 16:58
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 13 17:29:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/14/2024
Supervised By :mohammad ahmed
08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	47698	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	192752	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	105798	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	171478	20.000	ng		0.00
76) Chrysene-d12	13.998	240	83325	20.000	ng		0.00
86) Perylene-d12	15.462	264	89267	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	246455	79.760	ng		0.00
7) Phenol-d6	6.492	99	333257	80.331	ng		0.00
23) Nitrobenzene-d5	7.410	82	331219	84.013	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	69556	80.261	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	598323	84.971	ng		0.00
79) Terphenyl-d14	12.939	244	414373	83.261	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	47322	34.981	ng		93
3) Pyridine	3.346	79	123468	37.677	ng		96
4) n-Nitrosodimethylamine	3.316	42	90018	46.122	ng	#	79
6) Aniline	6.510	93	142799	38.597	ng	#	61
8) 2-Chlorophenol	6.634	128	133327	41.011	ng		97
9) Benzaldehyde	6.398	77	96437	38.778	ng		99
10) Phenol	6.504	94	173577	39.739	ng	#	77
11) bis(2-Chloroethyl)ether	6.581	93	127670	37.983	ng		100
12) 1,3-Dichlorobenzene	6.781	146	144861	39.807	ng		97
13) 1,4-Dichlorobenzene	6.857	146	147844	40.257	ng		98
14) 1,2-Dichlorobenzene	7.010	146	141873	41.336	ng		99
15) Benzyl Alcohol	6.992	79	129421	43.284	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	215213	37.204	ng		59
17) 2-Methylphenol	7.110	107	107888	40.190	ng	#	86
18) Hexachloroethane	7.345	117	56999	41.232	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	105452	42.086	ng		96
20) 3+4-Methylphenols	7.263	107	143777	41.744	ng	#	82
22) Acetophenone	7.257	105	196410	41.617	ng		96
24) Nitrobenzene	7.434	77	165097	41.154	ng		98
25) Isophorone	7.669	82	270539	40.188	ng		99
26) 2-Nitrophenol	7.745	139	70445	40.815	ng		91
27) 2,4-Dimethylphenol	7.781	122	84071	40.711	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	161820	39.473	ng		99
29) 2,4-Dichlorophenol	7.992	162	109939	41.430	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	125373	40.941	ng		99
31) Naphthalene	8.145	128	408133	40.227	ng		100
32) Benzoic acid	7.939	122	55812	34.382	ng		93
33) 4-Chloroaniline	8.198	127	129084	37.902	ng		98
34) Hexachlorobutadiene	8.251	225	81594	43.990	ng		98
35) Caprolactam	8.581	113	32277	40.764	ng		97
36) 4-Chloro-3-methylphenol	8.692	107	125458	41.369	ng		100
37) 2-Methylnaphthalene	8.833	142	260823	40.705	ng		100
38) 1-Methylnaphthalene	8.933	142	252624	40.234	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	120680	41.062	ng		98
41) Hexachlorocyclopentadiene	8.980	237	26584	38.164	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	71909	40.130	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	77343	39.482	ng		98
46) 1,1'-Biphenyl	9.298	154	337802	40.768	ng		99
47) 2-Chloronaphthalene	9.322	162	246731	40.037	ng		98
48) 2-Nitroaniline	9.428	65	86633	41.468	ng		97
49) Acenaphthylene	9.739	152	347777	39.790	ng		99
50) Dimethylphthalate	9.598	163	285657	42.227	ng		99
51) 2,6-Dinitrotoluene	9.669	165	64013	41.929	ng	#	86
52) Acenaphthene	9.910	154	233520	39.746	ng		100
53) 3-Nitroaniline	9.845	138	57697	36.557	ng		98
54) 2,4-Dinitrophenol	9.957	184	27352	38.919	ng	#	81
55) Dibenzofuran	10.080	168	336591	40.584	ng		97
56) 4-Nitrophenol	10.022	139	37179	39.173	ng		87
57) 2,4-Dinitrotoluene	10.075	165	82867	42.543	ng	#	79
58) Fluorene	10.422	166	274803	41.608	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	60121m	40.144	ng		
60) Diethylphthalate	10.292	149	287622	44.841	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	137383	42.294	ng		94
62) 4-Nitroaniline	10.457	138	53754m	35.840	ng		
63) Azobenzene	10.575	77	287960	40.478	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	41316	39.493	ng		90
66) n-Nitrosodiphenylamine	10.533	169	222680	41.545	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	77770	41.889	ng		99
68) Hexachlorobenzene	10.969	284	79074	41.250	ng		98
69) Atrazine	11.057	200	54913	39.709	ng		99
70) Pentachlorophenol	11.174	266	31844	36.855	ng		97
71) Phenanthrene	11.386	178	355389	40.249	ng		100
72) Anthracene	11.439	178	348969	40.118	ng		99
73) Carbazole	11.598	167	284622	37.926	ng		98
74) Di-n-butylphthalate	11.916	149	382885	45.385	ng		99
75) Fluoranthene	12.574	202	318649	38.656	ng		98
77) Benzidine	12.698	184	49527	24.851	ng		99
78) Pyrene	12.804	202	310232	39.544	ng		100
80) Butylbenzylphthalate	13.410	149	112027	44.592	ng		99
81) Benzo(a)anthracene	13.992	228	232182	40.464	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	62939	42.863	ng		98
83) Chrysene	14.027	228	208183	40.215	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	149482	40.633	ng		99
85) Di-n-octyl phthalate	14.574	149	260483	38.270	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	204841	32.020	ng		97
88) Benzo(b)fluoranthene	15.039	252	218070	39.408	ng		97
89) Benzo(k)fluoranthene	15.068	252	203957	42.570	ng		98
90) Benzo(a)pyrene	15.404	252	188460	40.489	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	169010	32.185	ng		97
92) Benzo(g,h,i)perylene	17.386	276	167751	30.784	ng		95

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

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