Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
Data File : BF135167.D
Acq On : 11 Sep 2023 17:08
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091123

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

Quant Time: Sep 12 00:20:52 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 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101884	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	407915	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	211148	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	400396	20.000	ng	0.00
76) Chrysene-d12	13.951	240	216512	20.000	ng	0.00
86) Perylene-d12	15.409	264	210063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	492694	78.652	ng	0.00
7) Phenol-d6	6.404	99	623386	78.263	ng	0.00
23) Nitrobenzene-d5	7.334	82	598360	79.694	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	168140	80.132	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1067192	76.254	ng	0.00
79) Terphenyl-d14	12.892	244	1064284	76.201	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	111791	40.709	ng	97
3) Pyridine	3.210	79	301967	40.857	ng	97
4) n-Nitrosodimethylamine	3.181	42	160244	40.858	ng	98
6) Aniline	6.434	93	409861	39.239	ng	99
8) 2-Chlorophenol	6.551	128	265154	39.652	ng	100
9) Benzaldehyde	6.322	77	171743	37.848	ng	97
10) Phenol	6.422	94	345945	39.608	ng	99
11) bis(2-Chloroethyl)ether	6.510	93	258889	39.515	ng	99
12) 1,3-Dichlorobenzene	6.704	146	267788	39.404	ng	97
13) 1,4-Dichlorobenzene	6.781	146	271433	39.257	ng	98
14) 1,2-Dichlorobenzene	6.934	146	250291	38.980	ng	98
15) Benzyl Alcohol	6.910	79	227339	39.774	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	482932	39.106	ng	99
17) 2-Methylphenol	7.022	107	234076	39.667	ng	99
18) Hexachloroethane	7.275	117	100908	39.498	ng	95
19) n-Nitroso-di-n-propyla...	7.186	70	189467	38.403	ng	99
20) 3+4-Methylphenols	7.181	107	276254	38.932	ng	97
22) Acetophenone	7.181	105	362664	38.887	ng	98
24) Nitrobenzene	7.351	77	291667	39.303	ng	99
25) Isophorone	7.592	82	537084	38.956	ng	100
26) 2-Nitrophenol	7.663	139	144973	40.703	ng	98
27) 2,4-Dimethylphenol	7.704	122	236051	39.429	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	322363	39.065	ng	99
29) 2,4-Dichlorophenol	7.904	162	220705	39.785	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	227361	39.211	ng	98
31) Naphthalene	8.069	128	781106	39.411	ng	99
32) Benzoic acid	7.833	122	191635m	42.509	ng	
33) 4-Chloroaniline	8.122	127	342623	39.402	ng	99
34) Hexachlorobutadiene	8.181	225	137774	39.406	ng	99
35) Caprolactam	8.498	113	73565	39.512	ng	96
36) 4-Chloro-3-methylphenol	8.604	107	243950	39.566	ng	99
37) 2-Methylnaphthalene	8.757	142	521776	39.165	ng	97
38) 1-Methylnaphthalene	8.857	142	483062	38.728	ng	98
40) 1,2,4,5-Tetrachloroben...	8.928	216	242623	39.663	ng	99
41) Hexachlorocyclopentadiene	8.910	237	92129	38.409	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	159199	39.749	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	182312	39.527	ng		99
46) 1,1'-Biphenyl	9.228	154	627527	38.673	ng		98
47) 2-Chloronaphthalene	9.251	162	455969	38.729	ng		98
48) 2-Nitroaniline	9.351	65	182413	39.882	ng		99
49) Acenaphthylene	9.663	152	767622	39.232	ng		100
50) Dimethylphthalate	9.533	163	551000	38.597	ng		100
51) 2,6-Dinitrotoluene	9.598	165	123480	39.484	ng	#	82
52) Acenaphthene	9.839	154	449653	38.902	ng		97
53) 3-Nitroaniline	9.763	138	145529	39.643	ng		98
54) 2,4-Dinitrophenol	9.875	184	64127	39.547	ng		97
55) Dibenzofuran	10.010	168	679171	38.505	ng		98
56) 4-Nitrophenol	9.927	139	96768	41.476	ng		98
57) 2,4-Dinitrotoluene	10.004	165	155428	39.699	ng		99
58) Fluorene	10.357	166	524017	38.645	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	144395	40.697	ng		98
60) Diethylphthalate	10.233	149	558238	38.964	ng		100
61) 4-Chlorophenyl-phenyle...	10.345	204	252346	38.741	ng		99
62) 4-Nitroaniline	10.380	138	141171	40.006	ng		98
63) Azobenzene	10.510	77	549229	39.170	ng		99
65) 4,6-Dinitro-2-methylph...	10.410	198	92787	43.631	ng		95
66) n-Nitrosodiphenylamine	10.469	169	482993	39.845	ng		98
67) 4-Bromophenyl-phenylether	10.839	248	159476	40.047	ng		99
68) Hexachlorobenzene	10.904	284	163309	40.254	ng		100
69) Atrazine	10.998	200	128739	39.471	ng		99
70) Pentachlorophenol	11.098	266	100885	41.563	ng		98
71) Phenanthrene	11.322	178	748730	39.538	ng		100
72) Anthracene	11.374	178	774733	39.801	ng		99
73) Carbazole	11.527	167	716454	40.433	ng		99
74) Di-n-butylphthalate	11.863	149	840588	40.258	ng		99
75) Fluoranthene	12.510	202	789503	40.011	ng		99
77) Benzidine	12.639	184	153201	34.539	ng		98
78) Pyrene	12.739	202	798299	38.727	ng		100
80) Butylbenzylphthalate	13.368	149	296002	40.785	ng		97
81) Benzo(a)anthracene	13.939	228	546580	39.095	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	170142	38.961	ng		99
83) Chrysene	13.974	228	545861	39.270	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	300833	40.393	ng		99
85) Di-n-octyl phthalate	14.551	149	483870	40.882	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	555134	40.306	ng		99
88) Benzo(b)fluoranthene	14.986	252	445799	39.203	ng		100
89) Benzo(k)fluoranthene	15.015	252	435464	38.767	ng		100
90) Benzo(a)pyrene	15.345	252	427976	39.466	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	454077	40.293	ng		98
92) Benzo(g,h,i)perylene	17.333	276	480639	40.838	ng		99

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

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