Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
Data File : BF132919.D
Acq On : 19 Apr 2023 19:06
Operator : CG\JU
Sample : 02270-26MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 20 01:49:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	252181	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1058235	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	579202	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1075852	20.000	ng	0.00
76) Chrysene-d12	13.921	240	675677	20.000	ng	0.00
86) Perylene-d12	15.345	264	617668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1730230	107.284	ng	0.00
7) Phenol-d6	6.392	99	2256790	109.663	ng	0.00
23) Nitrobenzene-d5	7.328	82	1409661	69.435	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	690476	118.854	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	2460016	65.247	ng	0.00
79) Terphenyl-d14	12.874	244	3121887	78.827	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	342915	43.575	ng	99
3) Pyridine	3.198	79	866980	40.282	ng	99
4) n-Nitrosodimethylamine	3.151	42	486348	47.557	ng	99
6) Aniline	6.422	93	899476	32.958	ng	99
8) 2-Chlorophenol	6.545	128	837104	51.164	ng	98
9) Benzaldehyde	6.310	77	543698	44.652	ng	100
10) Phenol	6.410	94	1116953	48.271	ng	98
11) bis(2-Chloroethyl)ether	6.498	93	825641	47.246	ng	99
12) 1,3-Dichlorobenzene	6.704	146	862574	47.965	ng	98
13) 1,4-Dichlorobenzene	6.781	146	871017	48.337	ng	98
14) 1,2-Dichlorobenzene	6.933	146	842562	50.079	ng	99
15) Benzyl Alcohol	6.910	79	752085	53.325	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1497996	49.540	ng	99
17) 2-Methylphenol	7.022	107	712594	47.552	ng	98
18) Hexachloroethane	7.281	117	306395	48.995	ng	92
19) n-Nitroso-di-n-propyla...	7.186	70	621979	48.420	ng	98
20) 3+4-Methylphenols	7.175	107	853007	48.159	ng	89
22) Acetophenone	7.175	105	1109896	44.709	ng	95
24) Nitrobenzene	7.351	77	927058	44.551	ng	95
25) Isophorone	7.586	82	1754583	45.563	ng	99
26) 2-Nitrophenol	7.663	139	459475	58.531	ng	95
27) 2,4-Dimethylphenol	7.704	122	786826	49.136	ng	98
28) bis(2-Chloroethoxy)met...	7.804	93	1028592	44.674	ng	99
29) 2,4-Dichlorophenol	7.904	162	713009	47.837	ng	96
30) 1,2,4-Trichlorobenzene	7.992	180	717761	44.600	ng	99
31) Naphthalene	8.075	128	2350058	43.945	ng	99
32) Benzoic acid	7.828	122	507040	63.142	ng	99
33) 4-Chloroaniline	8.116	127	202377	9.240	ng	97
34) Hexachlorobutadiene	8.192	225	400804	43.533	ng	99
35) Caprolactam	8.492	113	261829m	58.989	ng	
36) 4-Chloro-3-methylphenol	8.598	107	791575	50.598	ng	99
37) 2-Methylnaphthalene	8.763	142	1583635	43.024	ng	99
38) 1-Methylnaphthalene	8.863	142	1494265	43.569	ng	98
40) 1,2,4,5-Tetrachloroben...	8.933	216	679851	41.498	ng	99
41) Hexachlorocyclopentadiene	8.922	237	884307	102.411	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	499733	48.121	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.075	196	540738	44.529	ng		99
46)	1,1'-Biphenyl	9.227	154	1986990	43.275	ng		98
47)	2-Chloronaphthalene	9.251	162	1497585	44.075	ng		98
48)	2-Nitroaniline	9.345	65	520036	52.905	ng		99
49)	Acenaphthylene	9.669	152	2358819	43.525	ng		100
50)	Dimethylphthalate	9.533	163	1858359	46.408	ng		99
51)	2,6-Dinitrotoluene	9.586	165	435411	49.593	ng		90
52)	Acenaphthene	9.839	154	1715750	49.130	ng		99
53)	3-Nitroaniline	9.751	138	290132	29.040	ng		96
54)	2,4-Dinitrophenol	9.863	184	462005	135.086	ng		89
55)	Dibenzofuran	10.010	168	2175064	43.898	ng		99
56)	4-Nitrophenol	9.916	139	778814	104.941	ng		90
57)	2,4-Dinitrotoluene	9.992	165	571391	52.732	ng		100
58)	Fluorene	10.351	166	1624358	44.754	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.127	232	470884	49.963	ng		100
60)	Diethylphthalate	10.233	149	1799030	48.078	ng		99
61)	4-Chlorophenyl-phenyle...	10.345	204	803661	43.533	ng		94
62)	4-Nitroaniline	10.374	138	471370	49.087	ng		98
63)	Azobenzene	10.504	77	1977951	47.322	ng		98
65)	4,6-Dinitro-2-methylph...	10.398	198	317795	61.679	ng		93
66)	n-Nitrosodiphenylamine	10.469	169	1506755	43.003	ng		100
67)	4-Bromophenyl-phenylether	10.833	248	536527	43.673	ng		95
68)	Hexachlorobenzene	10.898	284	601040	47.157	ng	#	90
69)	Atrazine	10.992	200	539011	55.037	ng		98
70)	Pentachlorophenol	11.092	266	725906	88.260	ng		98
71)	Phenanthrene	11.310	178	2517075	43.496	ng		99
72)	Anthracene	11.363	178	2589761	43.717	ng		100
73)	Carbazole	11.516	167	2304210	44.954	ng		99
74)	Di-n-butylphthalate	11.857	149	2877517	52.368	ng		99
75)	Fluoranthene	12.498	202	2553181	44.367	ng		99
77)	Benzidine	12.621	184	928105	88.177	ng		95
78)	Pyrene	12.727	202	2598588	47.034	ng		99
80)	Butylbenzylphthalate	13.351	149	944744	68.414	ng		93
81)	Benzo(a)anthracene	13.909	228	2128027	46.311	ng		99
82)	3,3'-Dichlorobenzidine	13.874	252	637564	57.359	ng		99
83)	Chrysene	13.951	228	2041591	44.701	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.915	149	1343475	76.873	ng		100
85)	Di-n-octyl phthalate	14.527	149	2483257	63.063	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.745	276	1953019	55.336	ng		100
88)	Benzo(b)fluoranthene	14.939	252	1955121	50.816	ng		99
89)	Benzo(k)fluoranthene	14.968	252	1674244	43.683	ng		99
90)	Benzo(a)pyrene	15.292	252	1542954	43.896	ng		99
91)	Dibenzo(a,h)anthracene	16.768	278	1644626	54.689	ng		98
92)	Benzo(g,h,i)perylene	17.174	276	1574063	54.668	ng		98

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

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