

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
 Data File : BF137175.D
 Acq On : 26 Jan 2024 19:42
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
 Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 01:53:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 01:49:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	60469	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	246033	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	145035	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	297327	20.000	ng	0.00
76) Chrysene-d12	13.980	240	227517	20.000	ng	0.00
86) Perylene-d12	15.468	264	171439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	63014	17.728	ng	0.00
7) Phenol-d6	6.428	99	99232	19.571	ng	0.00
23) Nitrobenzene-d5	7.357	82	106895	19.710	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	31080	19.180	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	223526	21.638	ng	0.00
79) Terphenyl-d14	12.927	244	307708	18.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	19889	10.449	ng	98
3) Pyridine	3.345	79	17860m	9.706	ng	
4) n-Nitrosodimethylamine	3.304	42	8980m	11.017	ng	
6) Aniline	6.469	93	42642	8.162	ng	88
8) 2-Chlorophenol	6.581	128	39376	9.818	ng	95
9) Benzaldehyde	6.357	77	18496	9.400	ng	93
10) Phenol	6.439	94	53040	9.512	ng	91
11) bis(2-Chloroethyl)ether	6.539	93	40563	9.862	ng	92
12) 1,3-Dichlorobenzene	6.739	146	48293	10.147	ng	96
13) 1,4-Dichlorobenzene	6.822	146	47674	9.721	ng	93
14) 1,2-Dichlorobenzene	6.969	146	48446	10.535	ng	98
15) Benzyl Alcohol	6.939	79	28828	7.642	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	78949	10.896	ng	96
17) 2-Methylphenol	7.051	107	29961	8.749	ng	98
18) Hexachloroethane	7.310	117	18360	10.479	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	37326	10.383	ng	100
20) 3+4-Methylphenols	7.204	107	39386	9.400	ng	# 75
22) Acetophenone	7.204	105	63025	9.772	ng	# 90
24) Nitrobenzene	7.375	77	51205	9.889	ng	95
25) Isophorone	7.616	82	102440	10.104	ng	98
26) 2-Nitrophenol	7.698	139	12247	10.114	ng	98
27) 2,4-Dimethylphenol	7.733	122	26413	9.367	ng	97
28) bis(2-Chloroethoxy)met...	7.833	93	51765	9.692	ng	97
29) 2,4-Dichlorophenol	7.933	162	31176	9.185	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	45564	10.300	ng	96
31) Naphthalene	8.098	128	133603	10.257	ng	98
32) Benzoic acid	7.951	122	1954m	10.857	ng	
33) 4-Chloroaniline	8.157	127	35539	8.146	ng	99
34) Hexachlorobutadiene	8.222	225	31264	10.705	ng	97
35) Caprolactam	8.486	113	10379	9.259	ng	91
36) 4-Chloro-3-methylphenol	8.627	107	38771	9.327	ng	98
37) 2-Methylnaphthalene	8.792	142	92888	10.490	ng	99
38) 1-Methylnaphthalene	8.892	142	86091	10.357	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	51770	10.740	ng	96
41) Hexachlorocyclopentadiene	8.945	237	19764	8.684	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	24690	9.088	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	22739	8.093	ng	# 96
46) 1,1'-Biphenyl	9.257	154	120010	10.518	ng	99
47) 2-Chloronaphthalene	9.280	162	86671	10.281	ng	99
48) 2-Nitroaniline	9.380	65	21499	7.961	ng	89
49) Acenaphthylene	9.692	152	142791	10.475	ng	98
50) Dimethylphthalate	9.557	163	103786	10.295	ng	99
51) 2,6-Dinitrotoluene	9.616	165	19539	9.400	ng	# 82
52) Acenaphthene	9.869	154	84990	10.483	ng	99
53) 3-Nitroaniline	9.792	138	14056	8.409	ng	# 87
54) 2,4-Dinitrophenol	9.922	184	460	11.433	ng	# 1
55) Dibenzofuran	10.039	168	134904	10.599	ng	99
56) 4-Nitrophenol	9.963	139	3434	10.189	ng	# 78
57) 2,4-Dinitrotoluene	10.021	165	23331	8.796	ng	96
58) Fluorene	10.386	166	109796	10.975	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	27010m	9.739	ng	
60) Diethylphthalate	10.263	149	103767	10.372	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	54659	10.947	ng	100
62) 4-Nitroaniline	10.404	138	18344m	9.832	ng	
63) Azobenzene	10.539	77	115141	10.567	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	6261	11.493	ng	96
66) n-Nitrosodiphenylamine	10.498	169	89430	10.137	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	32430	9.911	ng	95
68) Hexachlorobenzene	10.927	284	37983	10.500	ng	97
69) Atrazine	11.027	200	31217	10.248	ng	95
70) Pentachlorophenol	11.127	266	15103m	7.681	ng	
71) Phenanthrene	11.351	178	162886	10.589	ng	99
72) Anthracene	11.404	178	167967	10.580	ng	100
73) Carbazole	11.563	167	141125	10.497	ng	97
74) Di-n-butylphthalate	11.904	149	157851	10.280	ng	99
75) Fluoranthene	12.545	202	181493	10.991	ng	99
77) Benzidine	12.692	184	21714	11.134	ng	96
78) Pyrene	12.774	202	192168	9.175	ng	99
80) Butylbenzylphthalate	13.410	149	45146	9.372	ng	93
81) Benzo(a)anthracene	13.974	228	163459	10.050	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	40903	8.998	ng	99
83) Chrysene	14.009	228	159386	9.834	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	64154	8.644	ng	99
85) Di-n-octyl phthalate	14.598	149	79944	7.197	ng	95
87) Indeno(1,2,3-cd)pyrene	16.962	276	92649	8.246	ng	98
88) Benzo(b)fluoranthene	15.033	252	112695	10.261	ng	98
89) Benzo(k)fluoranthene	15.062	252	122213	11.023	ng	98
90) Benzo(a)pyrene	15.403	252	101335	10.228	ng	98
91) Dibenzo(a,h)anthracene	16.997	278	77050	8.578	ng	96
92) Benzo(g,h,i)perylene	17.415	276	72683	8.297	ng	95

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

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