

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137207.D
 Acq On : 31 Jan 2024 13:35
 Operator : CG\JU
 Sample : P1276-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 01:13:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	56165	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	216463	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	117098	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	208932	20.000	ng	0.00
76) Chrysene-d12	13.974	240	146850	20.000	ng	0.00
86) Perylene-d12	15.451	264	182128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	358631	105.363	ng	0.01
7) Phenol-d6	6.428	99	477911	98.386	ng	0.00
23) Nitrobenzene-d5	7.351	82	321352	66.466	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	133555	100.991	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	580634	68.163	ng	0.00
79) Terphenyl-d14	12.916	244	595003	55.082	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	63524	34.879	ng	97
3) Pyridine	3.363	79	145843	40.087	ng	99
4) n-Nitrosodimethylamine	3.328	42	79087	43.291	ng	96
6) Aniline	6.457	93	152720	29.370	ng	95
8) 2-Chlorophenol	6.575	128	162524	42.704	ng	99
9) Benzaldehyde	6.346	77	65460	35.386	ng	96
10) Phenol	6.440	94	219610	40.503	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	162723	44.908	ng	99
12) 1,3-Dichlorobenzene	6.734	146	182500	40.899	ng	98
13) 1,4-Dichlorobenzene	6.810	146	191330	41.460	ng	99
14) 1,2-Dichlorobenzene	6.957	146	177025	41.027	ng	98
15) Benzyl Alcohol	6.934	79	160949	46.638	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	258088	39.540	ng	99
17) 2-Methylphenol	7.045	107	138325	43.505	ng	98
18) Hexachloroethane	7.298	117	68747	41.305	ng	93
19) n-Nitroso-di-n-propyla...	7.204	70	136645	41.028	ng	98
20) 3+4-Methylphenols	7.198	107	171537	42.617	ng	94
22) Acetophenone	7.198	105	247648	42.496	ng	94
24) Nitrobenzene	7.375	77	198767	42.357	ng	94
25) Isophorone	7.610	82	363278	40.707	ng	99
26) 2-Nitrophenol	7.687	139	82945	45.775	ng	93
27) 2,4-Dimethylphenol	7.728	122	112789	44.218	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	208084	43.908	ng	98
29) 2,4-Dichlorophenol	7.928	162	138574	43.792	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	164228	41.782	ng	99
31) Naphthalene	8.092	128	482052	41.193	ng	100
32) Benzoic acid	7.845	122	69436	40.434	ng	94
33) 4-Chloroaniline	8.140	127	58120	14.439	ng	98
34) Hexachlorobutadiene	8.210	225	111658	42.723	ng	96
35) Caprolactam	8.504	113	40575m	41.237	ng	
36) 4-Chloro-3-methylphenol	8.622	107	154960	41.461	ng	99
37) 2-Methylnaphthalene	8.781	142	316422	40.332	ng	99
38) 1-Methylnaphthalene	8.881	142	303357	41.631	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	173772	44.350	ng	99
41) Hexachlorocyclopentadiene	8.939	237	206380	110.589	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	100075	45.030	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	110168	45.351	ng	97
46) 1,1'-Biphenyl	9.251	154	408543	43.851	ng	97
47) 2-Chloronaphthalene	9.275	162	301047	43.662	ng	99
48) 2-Nitroaniline	9.369	65	103115	46.207	ng	94
49) Acenaphthylene	9.686	152	474860	43.020	ng	99
50) Dimethylphthalate	9.557	163	346750	43.832	ng	99
51) 2,6-Dinitrotoluene	9.616	165	75490	44.751	ng	91
52) Acenaphthene	9.863	154	286050	44.094	ng	99
53) 3-Nitroaniline	9.781	138	35786	23.573	ng	98
54) 2,4-Dinitrophenol	9.886	184	65893	86.626	ng	96
55) Dibenzofuran	10.034	168	438150	42.452	ng	99
56) 4-Nitrophenol	9.945	139	93823	82.268	ng	94
57) 2,4-Dinitrotoluene	10.016	165	99567	45.489	ng	95
58) Fluorene	10.381	166	335953	41.520	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	97116	42.966	ng	93
60) Diethylphthalate	10.257	149	339944	43.643	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	168041	41.782	ng	99
62) 4-Nitroaniline	10.404	138	62611	43.089	ng	99
63) Azobenzene	10.534	77	359356	41.657	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	49475	45.078	ng	91
66) n-Nitrosodiphenylamine	10.492	169	288915	45.479	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	107333	46.720	ng	92
68) Hexachlorobenzene	10.922	284	112528	43.852	ng	96
69) Atrazine	11.028	200	96292	45.916	ng	96
70) Pentachlorophenol	11.122	266	132490	90.067	ng	98
71) Phenanthrene	11.345	178	474575	43.388	ng	99
72) Anthracene	11.392	178	483776	42.435	ng	99
73) Carbazole	11.551	167	403512	42.351	ng	98
74) Di-n-butylphthalate	11.892	149	493080	47.876	ng	99
75) Fluoranthene	12.533	202	483728	42.264	ng	99
77) Benzidine	12.669	184	142368	54.141	ng	99
78) Pyrene	12.763	202	496714	35.197	ng	99
80) Butylbenzylphthalate	13.398	149	187359	51.899	ng	96
81) Benzo(a)anthracene	13.963	228	462902	44.510	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	97389	34.371	ng	# 99
83) Chrysene	13.998	228	443254	43.352	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	264715	63.027	ng	99
85) Di-n-octyl phthalate	14.586	149	480688	71.979	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	551793	43.124	ng	100
88) Benzo(b)fluoranthene	15.021	252	473157	42.244	ng	100
89) Benzo(k)fluoranthene	15.051	252	468531	39.542	ng	98
90) Benzo(a)pyrene	15.392	252	439086	41.657	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	452510	44.136	ng	99
92) Benzo(g,h,i)perylene	17.410	276	419854	41.723	ng	100

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

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